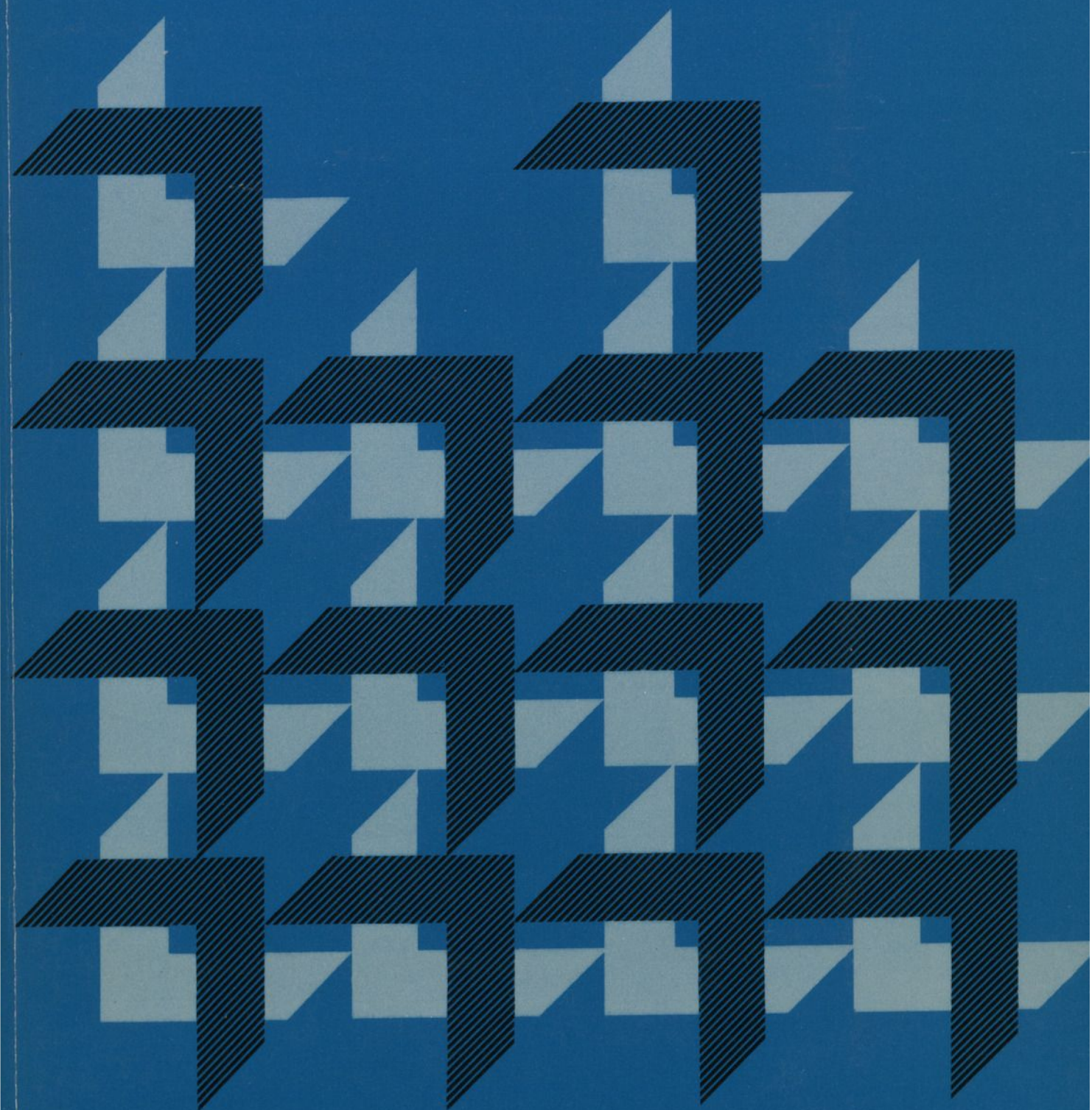




# Seasonally Adjusted Indicators 1979

AUSTRALIAN BUREAU OF STATISTICS  
CANBERRA, AUSTRALIA







# Seasonally Adjusted Indicators 1979

AUSTRALIAN BUREAU OF STATISTICS  
CANBERRA, AUSTRALIA


A.R. BAGNALL  
*Acting Australian Statistician*

## SEMI-LOGARITHMIC CHARTS

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## INQUIRIES

If you want to know more about these statistics ring Mr John Billing on Canberra 526103 or write to Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616.

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**GENERAL NOTES**

- (1) All seasonally adjusted figures are subject to revision.
- (2) All figures relate to Australia as a whole unless otherwise stated.
- (3) All values are in Australian dollars.
- (4) A brief description of the timing, coverage, etc. of each series is given in Appendix B.



## PREFACE

This annual bulletin presents in seasonally adjusted form selected statistical indicators of Australian economic activity. It contains most of the series published in the 1978 edition. Five additional series are now included. They include the newly adjusted *mineral exploration (other than for petroleum) – expenditure by principal enterprises* series and the national accounts series : *household saving ratio*. Two production series have been added : *beer* and *tobacco and cigarettes*, as well as a new dissection of *new capital expenditure by private enterprises* to show *finance, insurance, real estate and business services* separately. To make way for these the following adjustments have been excluded from this issue : *exports and imports of merchandise at current prices* and *numbers of total new dwellings approved, commenced and completed* from the building series.

The National Expenditure estimates at constant prices published in this bulletin are at average 1974-75 prices. They cover the period September 1966 to December 1978. Estimates at average 1966-67 prices for the period September 1959 to June 1978 are available in the *Supplement to Quarterly Estimates of National Income and Expenditure – December quarter 1978* (5207.0).

Presentation of series in seasonally adjusted form serves as an aid in statistical interpretation and analysis. The series are shown as originally compiled and as seasonally adjusted, both in tabular and graphical form, covering where possible the past fifteen years. Selected seasonally adjusted series are also presented on semi-logarithmic charts to facilitate comparisons of rates of growth in series of differing magnitude. A growth rate protractor has been included in the *for sale* copies of this bulletin to enable the user to determine and compare rates of growth in these series over varying time spans. Its use is explained on page 11, immediately preceding the presentation of the semi-logarithmic charts.

In most instances, the aim in compiling monthly or quarterly economic time series is to provide evidence of movement – to indicate the effects changing conditions are having on the activity being described, and in so doing, signal what might be likely to occur in the near future. Seasonal adjustment is a technique designed to aid these processes of analysis and interpretation.

The technique itself is based on the fact that most economic time series exhibit regular or predictable fluctuations associated with the calendar. Such fluctuations may occur for a variety of reasons. They may simply be expressions of the round of the seasons and related weather conditions, e.g. the production of many rural commodities, and the fact that consumption of electricity is much higher in winter than in summer. On the other hand they may reflect traditional behaviour associated with the calendar and the various social, business and administrative procedures attached to it. Thus taxation revenue has tended to be high in the second quarter and fall heavily in July, while savings bank deposits are usually relatively low over the second quarter of the year and thereafter rise up to a peak in the month of November. The effects of Christmas and the associated holiday season can be identified in most economic time series and in addition there are the effects that variations in the number and sequence of days in the month have on a monthly series. The effects of these month-ending and trading day variations can be estimated and removed along with the seasonal.

It should be noted that seasonally adjusted figures include short-term fluctuations which are not linked to the calendar in any predictable way. The effects of such spasmodic events as industrial disputes or unusual weather conditions are still present in the adjusted figures, as are statistical errors of measurement such as sampling errors. Moreover most series are subject in varying degrees to erratic ebbs and flows characteristic of the activity being described. The presence of these irregular components in the adjusted series should be borne in mind in interpreting short term movements in the seasonally adjusted figures.

The seasonally adjusted series published by this Bureau are calculated by electronic computer methods. The basic seasonal analysis program employed is the X-11 variant of the U.S. Bureau of the Census Method II seasonal adjustment program, a brief outline of which may be found in Appendix A 'Notes on Seasonal Adjustment Methods'. The tables and graphs presented have been reproduced directly from computer output produced by means of ancillary programs developed by this Bureau. This has been a feature of this series of bulletins since its inception in 1967. These programs are now incorporated in an integrated time series system which provides for the manipulation, analysis and tabulation of time series data and which also contributes to the production of this bulletin.

Explanatory notes on the nature of the statistical series included in this bulletin are given in Appendix B, together with references to publications containing more detailed information.

It should be recognised that seasonal adjustment may be carried out by a number of accepted procedures, each of which can be expected to yield results differing in greater or lesser degree from each other. Accordingly, in interpreting particular seasonally adjusted statistics, it is important to bear in mind the methods by which they have been derived and the limitations to which the methods used are subject. The explanation given in Appendix A of seasonal adjustment methods used, together with details in Appendix C of the method of adjustment employed for each adjusted series, is intended to serve these purposes. To assist further in interpreting particular seasonally adjusted series, details of selected measures of variability for each series published in seasonally adjusted form by this Bureau are provided in Appendix D.



Further seasonally adjusted figures for each of the series included in this bulletin, and other series adjusted by this Bureau, will be published, as they become available, in the relevant monthly and quarterly publications of the Bureau. Current figures for most of these series are also published in the *Monthly Review of Business Statistics* and the *Digest of Current Economic Statistics*.

A. R. BAGNALL  
Acting Australian Statistician

Australian Bureau of Statistics  
Belconnen, A.C.T. May 1979



## INTERPRETATION OF SEASONALLY ADJUSTED STATISTICS

Users of seasonally adjusted statistics should bear the following points in mind :

1. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from statistical series, so that the effects of other influences on the series may be more clearly recognised.
2. In the seasonal adjustment of certain statistical series published by this Bureau, adjustments have been made for the effects of some calendar irregularities, for example : 'trading-day' effects (e.g. having four or five Fridays in a particular month); and the effects of movable holidays, i.e. Easter and Australia Day. These adjustments have been made where warranted by prior analyses. Since these adjustments materially affect the results, users should particularly note whether or not these calendar adjustments have been made to particular series. This is indicated in Appendix C.
3. Seasonal adjustment does not remove the effect of other influences from the statistics; in particular it does not remove any unusual irregular movement which may be present in any particular month or quarter (e.g. the effect of a major industrial dispute). Therefore, an unexpected upward or downward movement in a seasonally adjusted series does not necessarily denote a change of trend.
4. Among the irregular movements (i.e. those not removed by seasonal adjustment) would be movements due to any abnormal 'seasonal' effect (e.g. the effect of earlier-than-normal cold weather requiring increased electricity production for heating purposes). This effect would remain in the adjusted figures.
5. The methods of seasonal adjustment employed allow for gradual changes in the seasonal pattern, so that current figures are adjusted in accordance with the estimated normal seasonal pattern of the recent past. However, the methods used may not give an adequate adjustment if there should be an abrupt seasonal pattern change that cannot be quantified or a sudden change in the nature of the series, near the end of the series or in the future.
6. The methods have required judgment to be used in the choice of certain specifications — though once the specifications have been chosen, the adjustment of the statistics proceeds each month without subjective judgment having to be used. For this reason the adjusted series are always in a sense estimates, and are not definitive statistics in the same sense as the original statistics are.
7. Seasonally adjusted statistics will be revised following revisions to the original data and as additional data are brought into the analysis each year.
8. *For these reasons, therefore, it would be neither reasonable nor prudent to regard seasonally adjusted series as in any way 'definitive'. They must be treated with caution as being no more than useful indicators of movements. They can without doubt be a useful aid to critical interpretation, but can in no way be a substitute for it.*

For a more complete explanation of how the series included in this bulletin have been seasonally adjusted and how the results should be interpreted, reference should be made to the description, given in Appendix A, of the seasonal adjustment methods adopted.



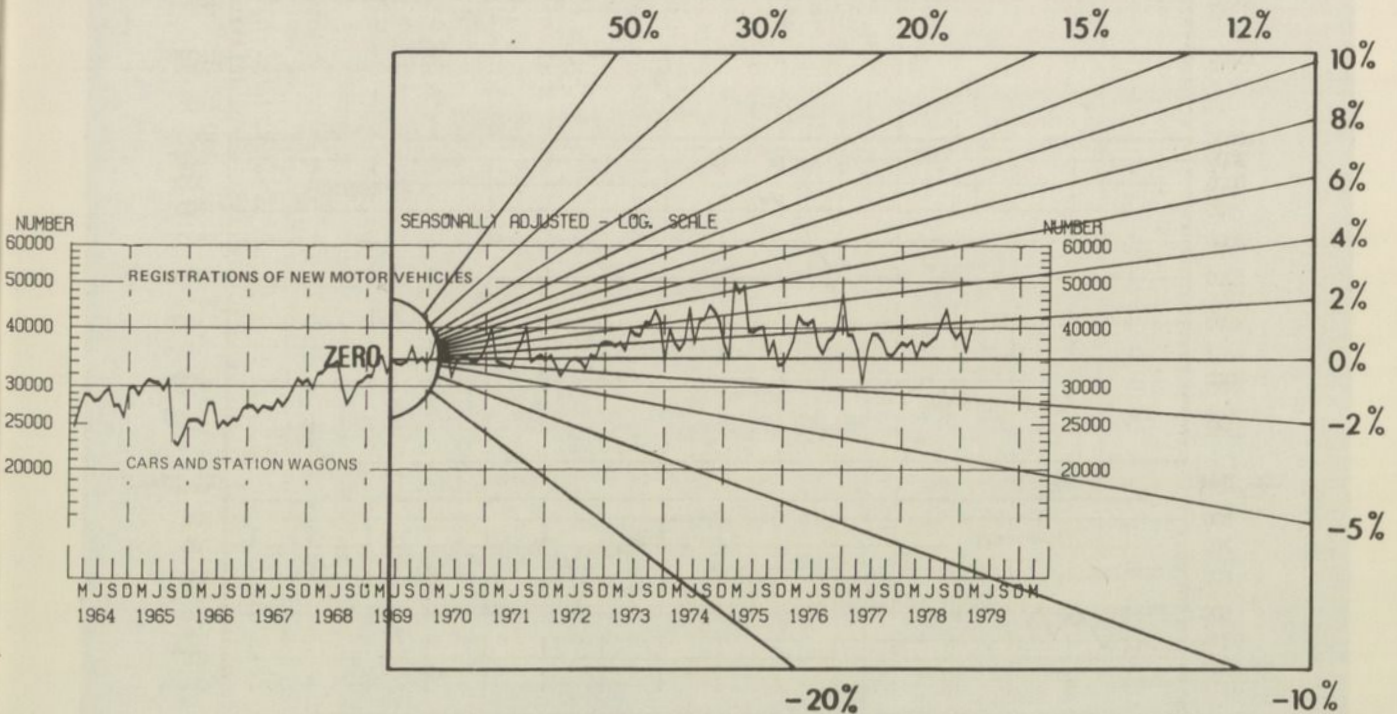


# SEMI-LOGARITHMIC CHARTS

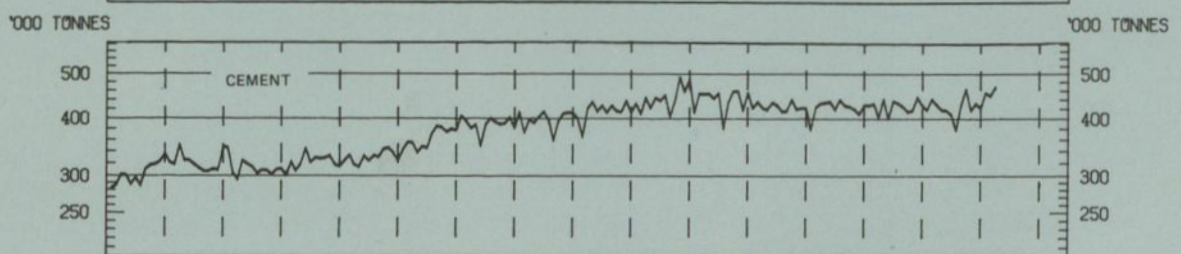
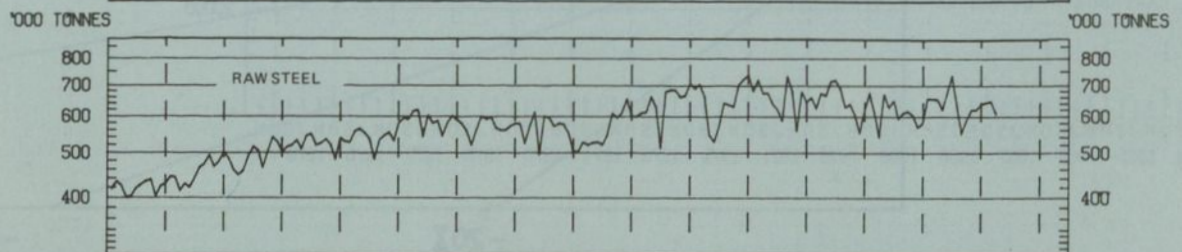
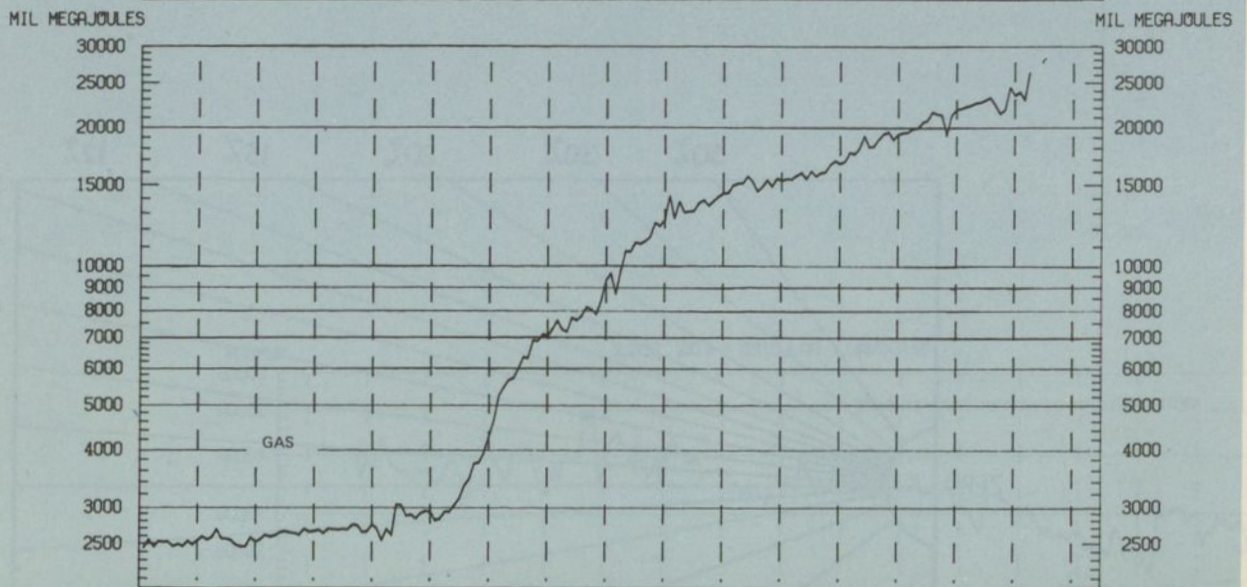
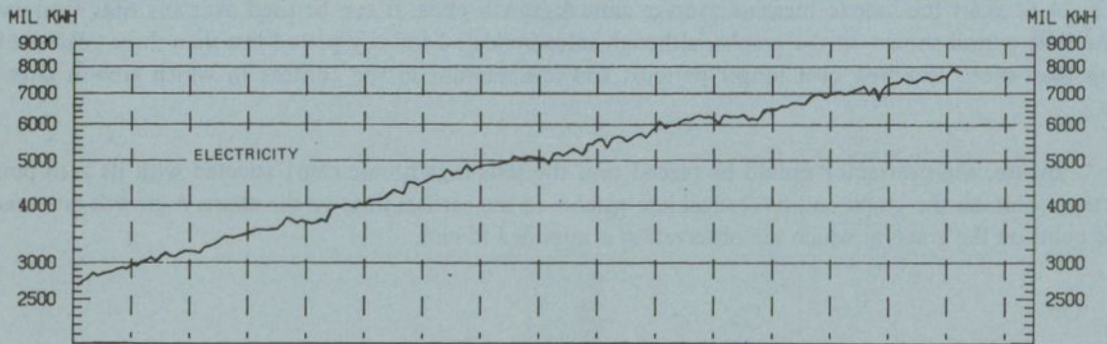
## GROWTH RATE PROTRACTOR

A growth rate protractor is included only with *for sale* copies of this bulletin. Protractors are available on request for users with *not for sale* copies. The protractor has been constructed for use with the semi-logarithmic charts shown on pages 12–24 to assist the user to measure average annual growth rates. It can be used over any time span, including the whole of the time period shown on the graphs, although rates indicated for any period less than three years are likely to be less accurate than those observed over longer periods, and less relevant in the context in which growth rates are usually considered.

In use, the protractor should be placed over the semi-logarithmic chart selected with its zero point over the chosen starting point on the graph and its vertical line parallel to the vertical lines on the chart. A growth rate reading is then taken at the point on the graph at which the observation is intended to end.

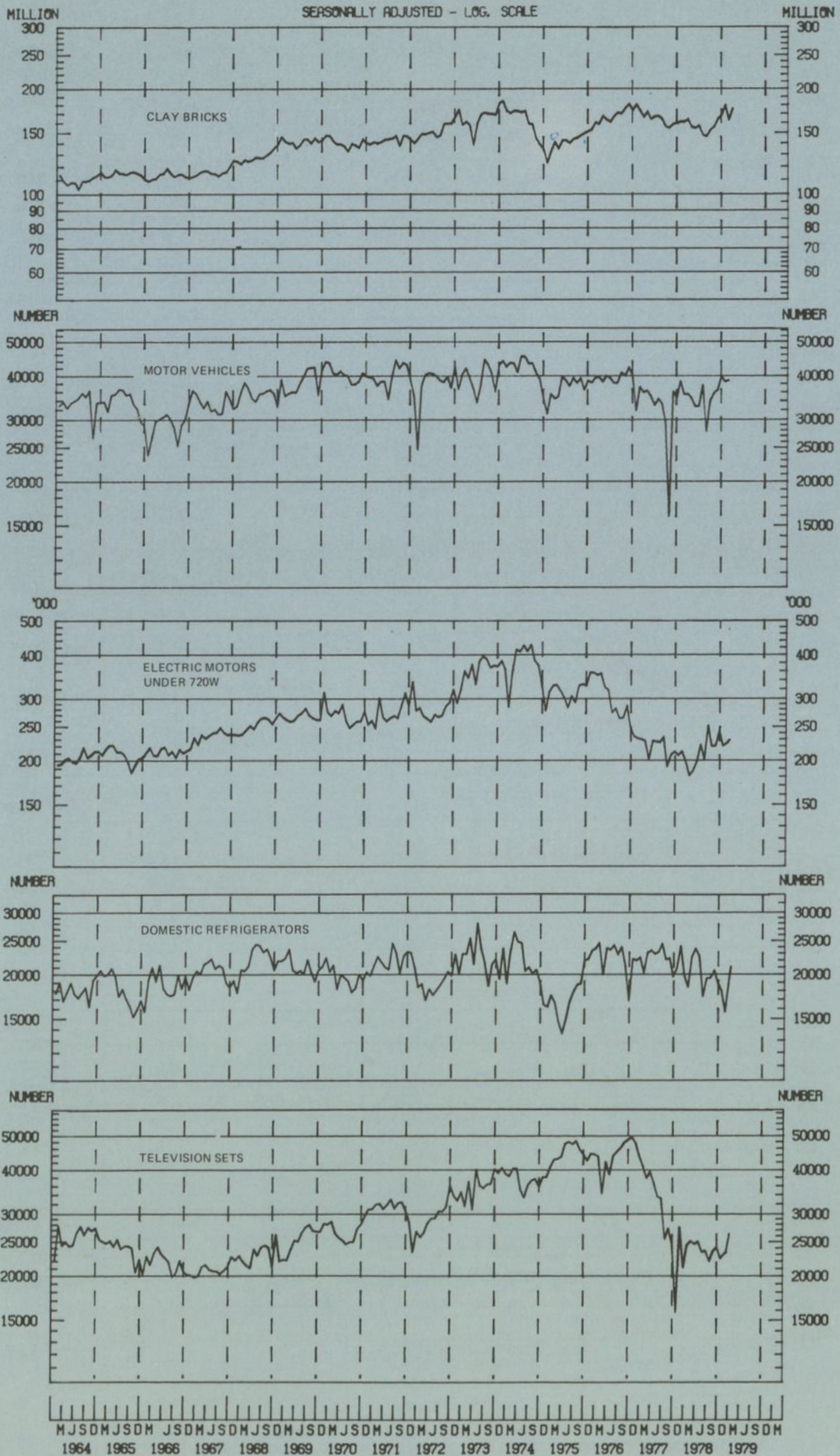




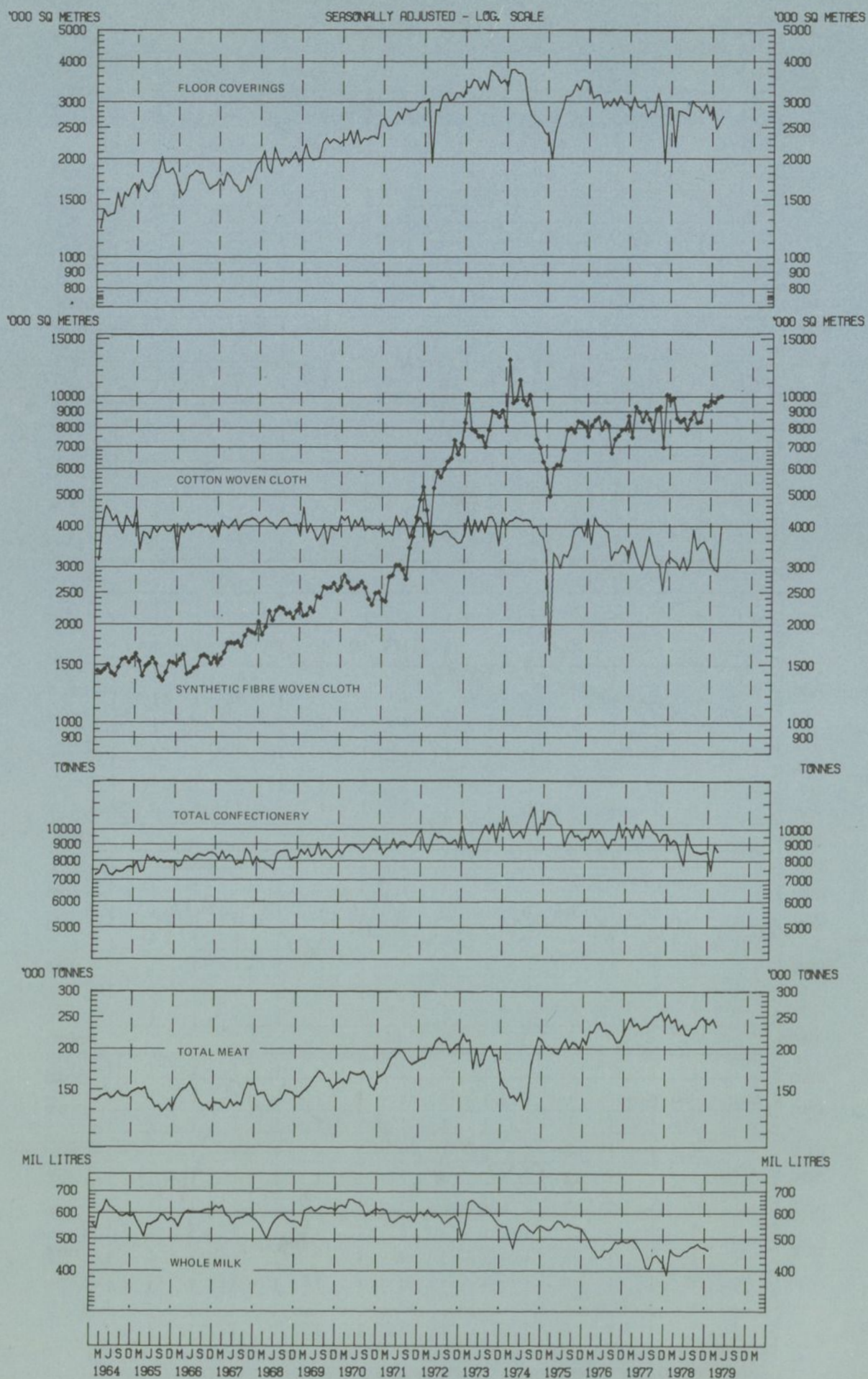
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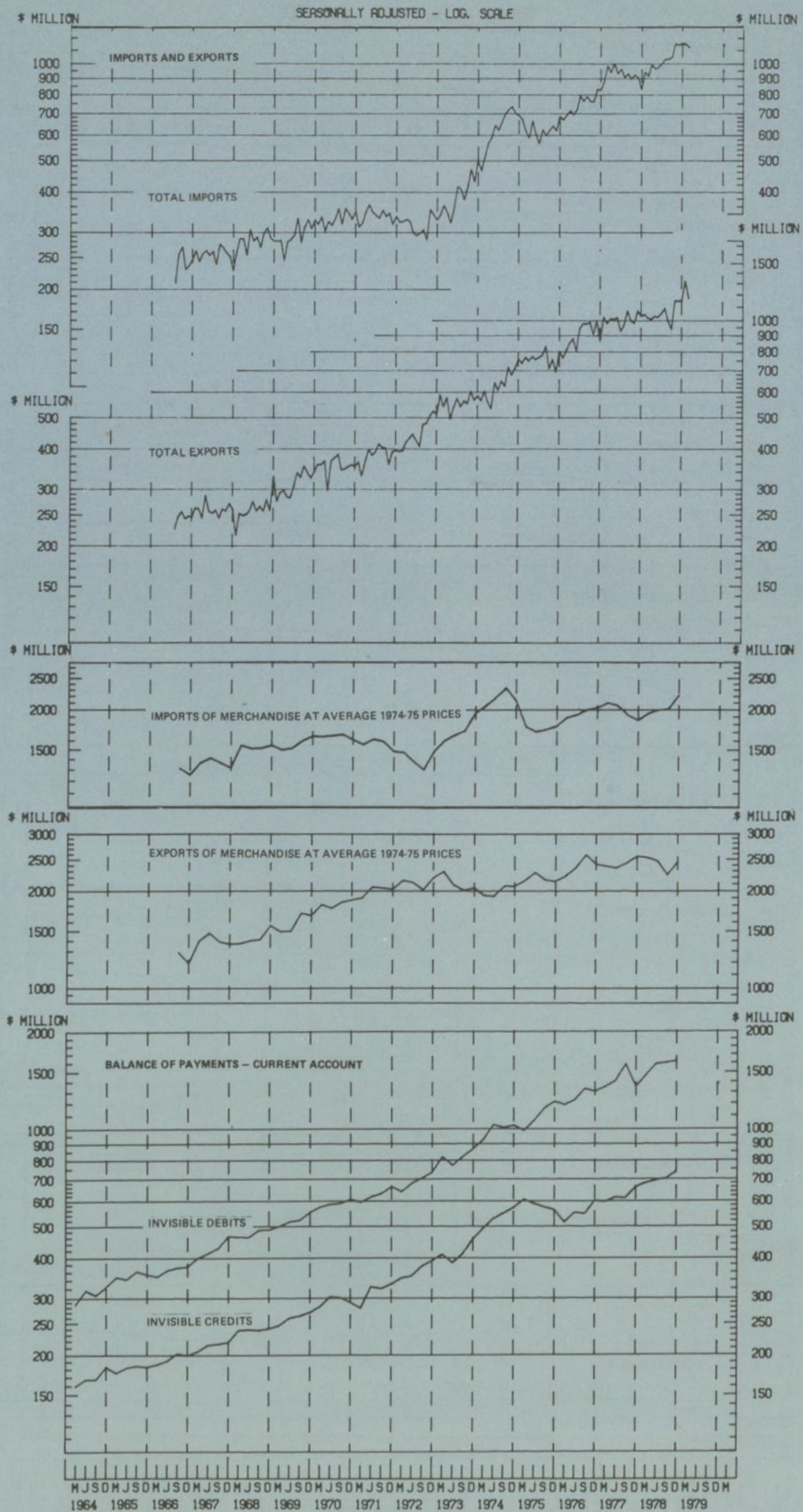
## PRODUCTION





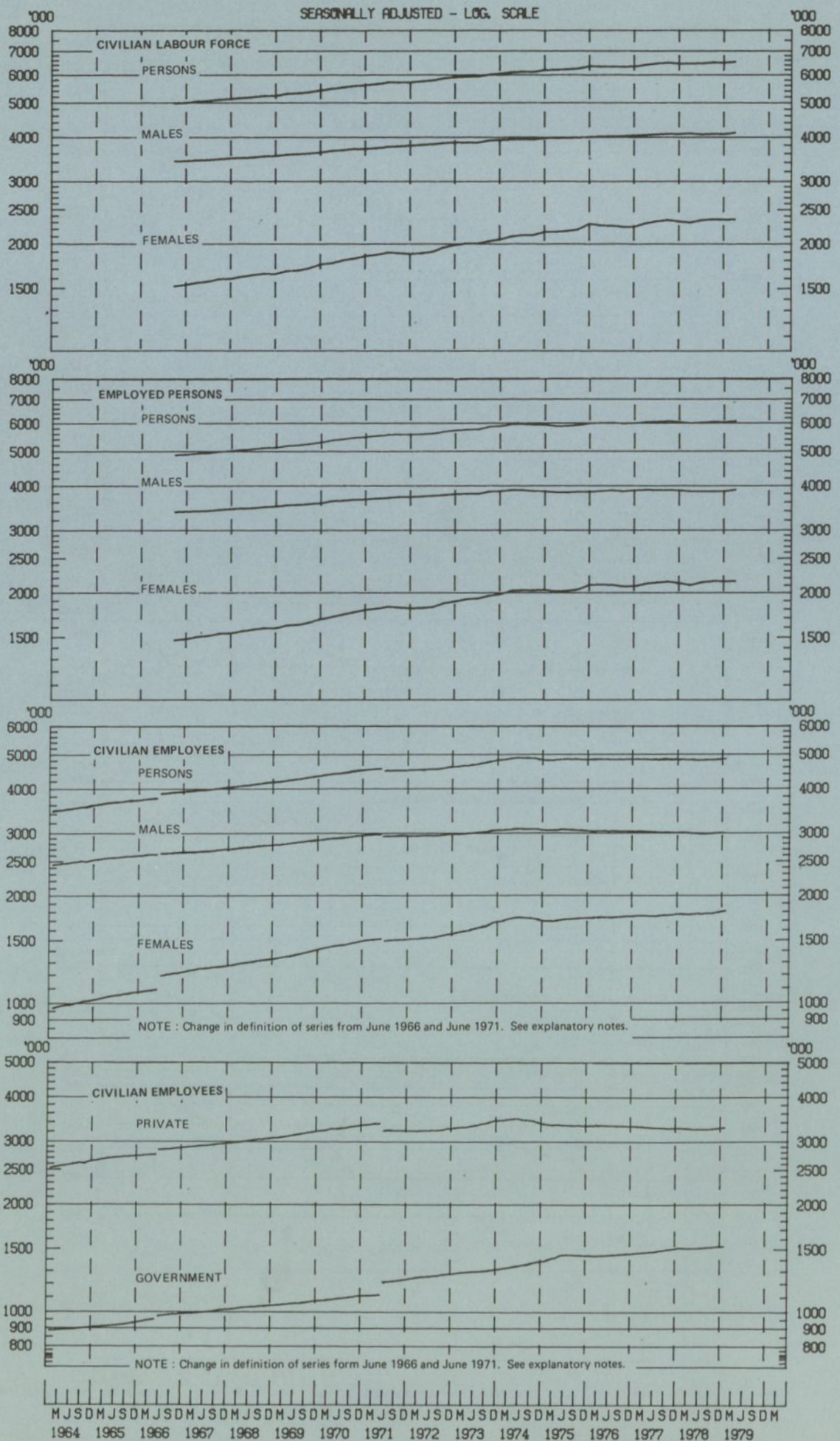






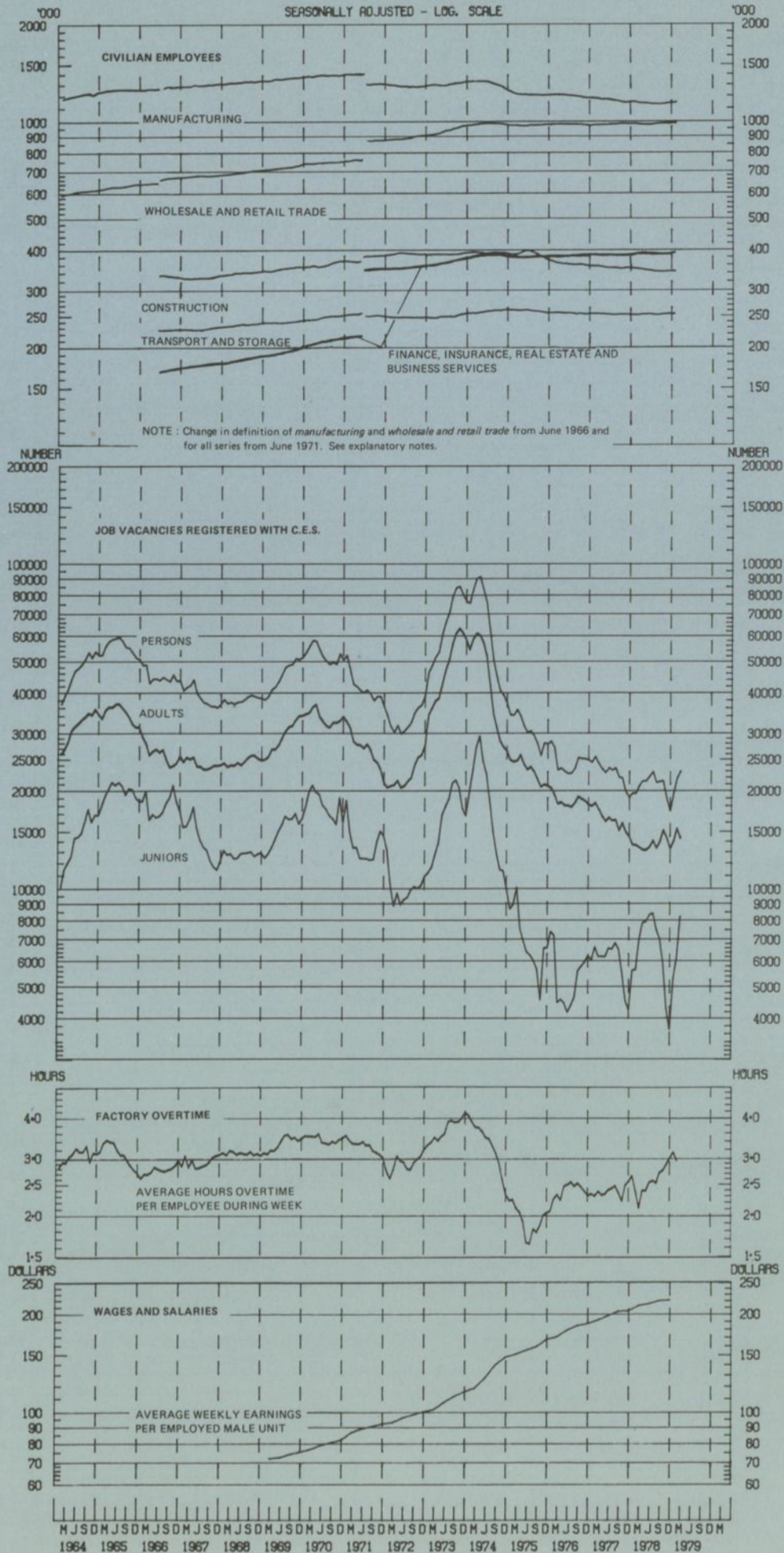


## EMPLOYMENT AND LABOUR



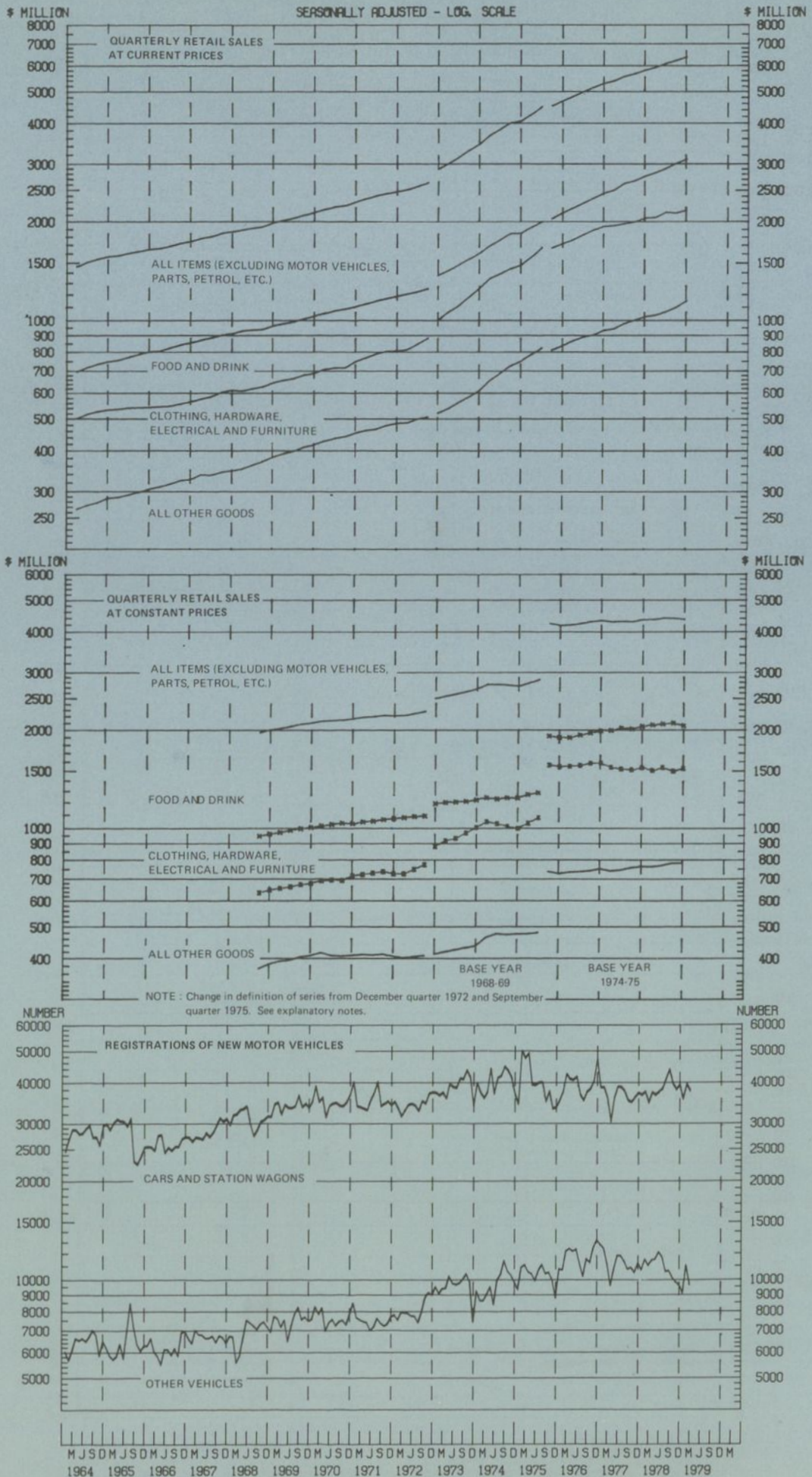


## EMPLOYMENT AND LABOUR/WAGES AND SALARIES

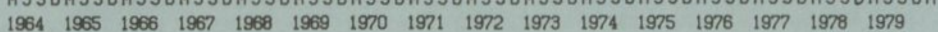




## INTERNAL TRADE

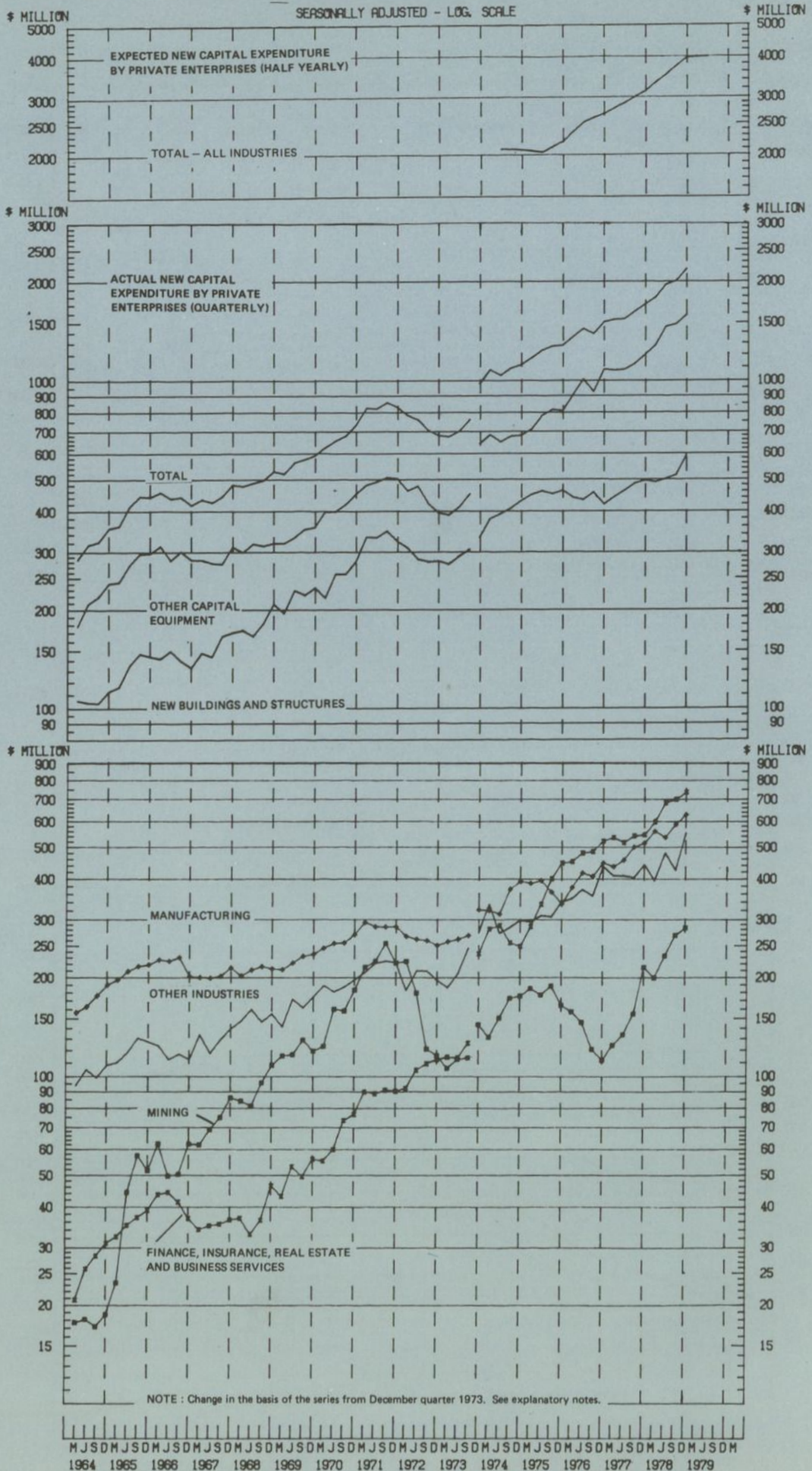




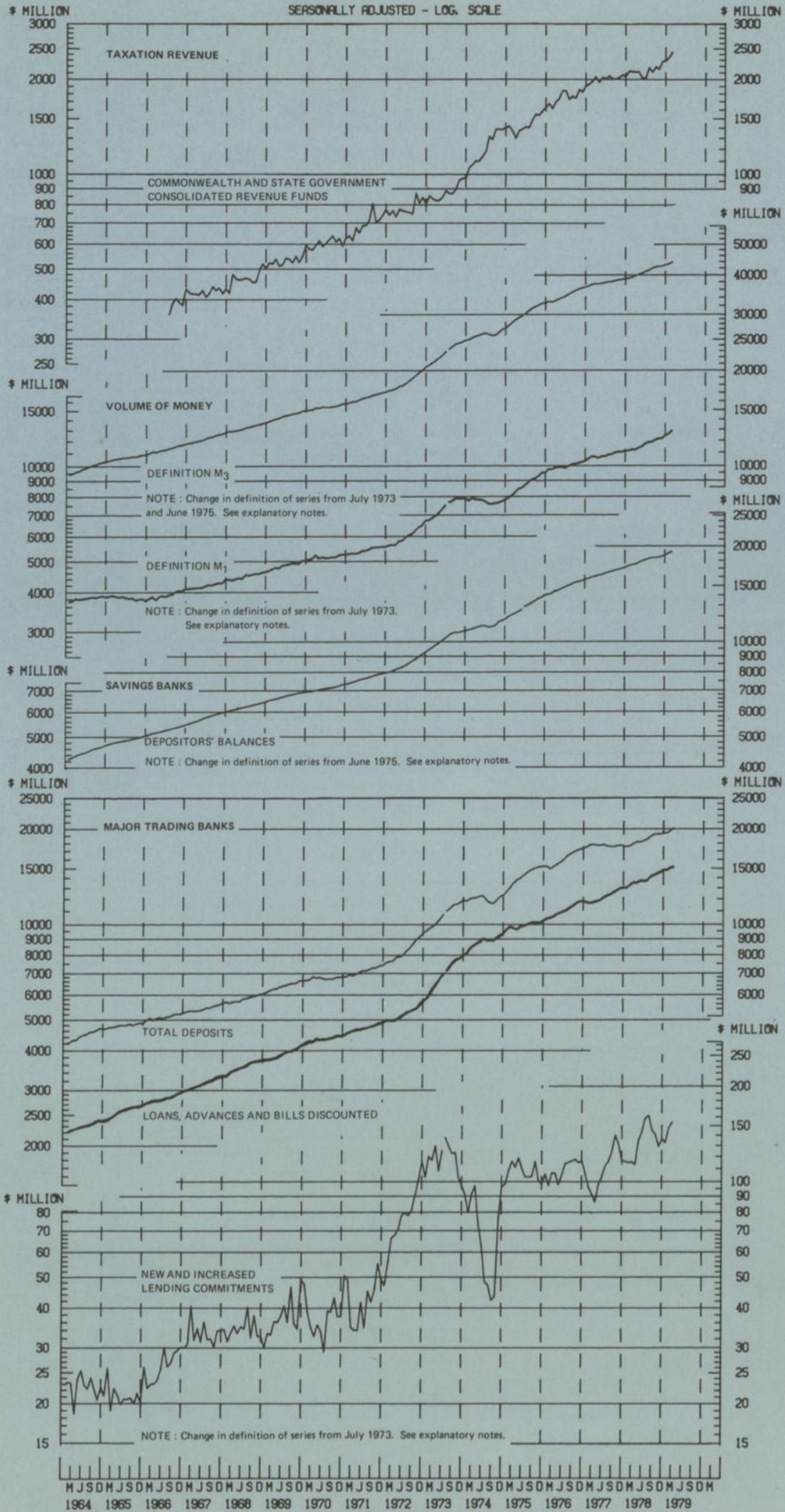




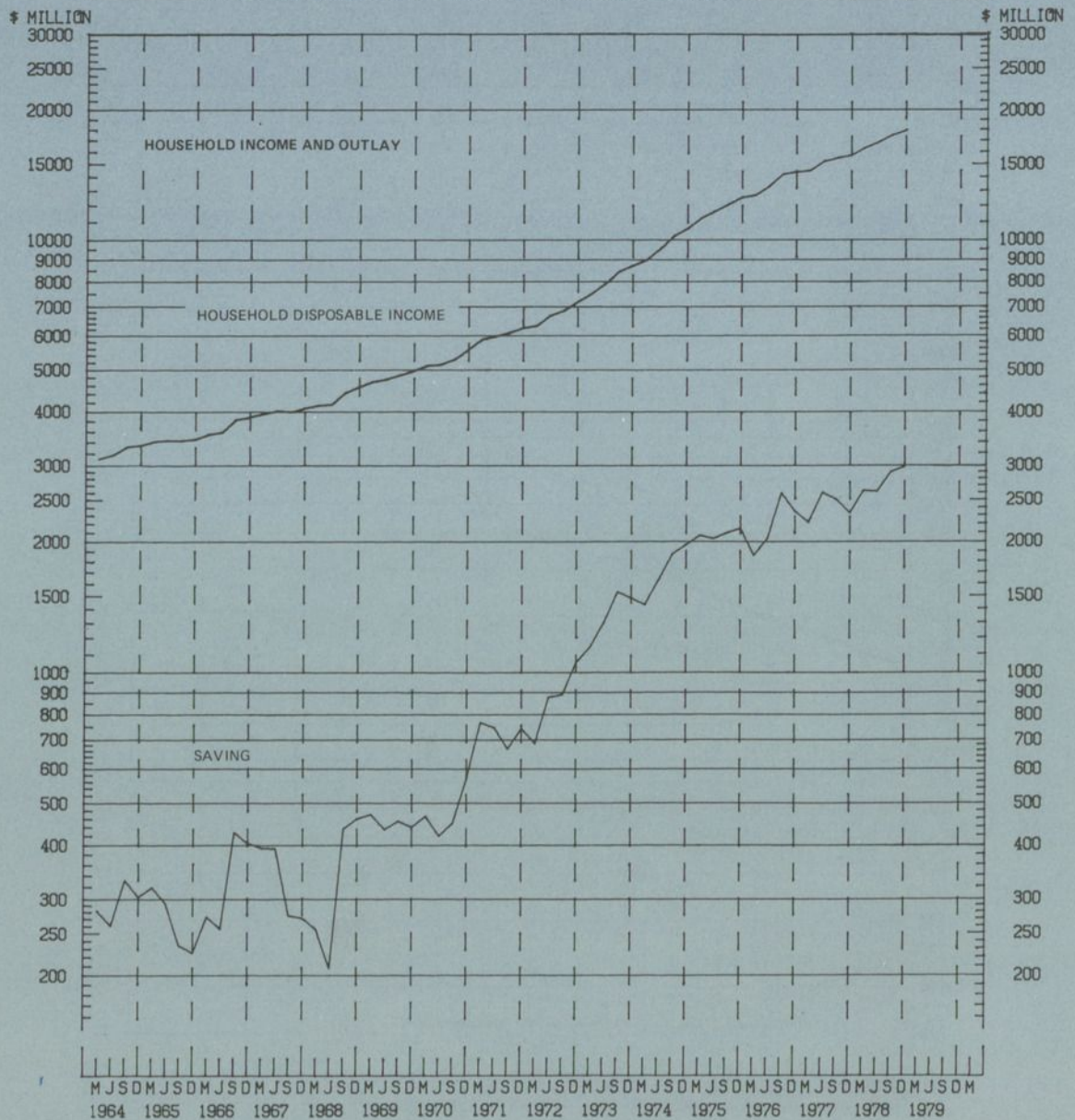
## NEW PRIVATE CAPITAL EXPENDITURE



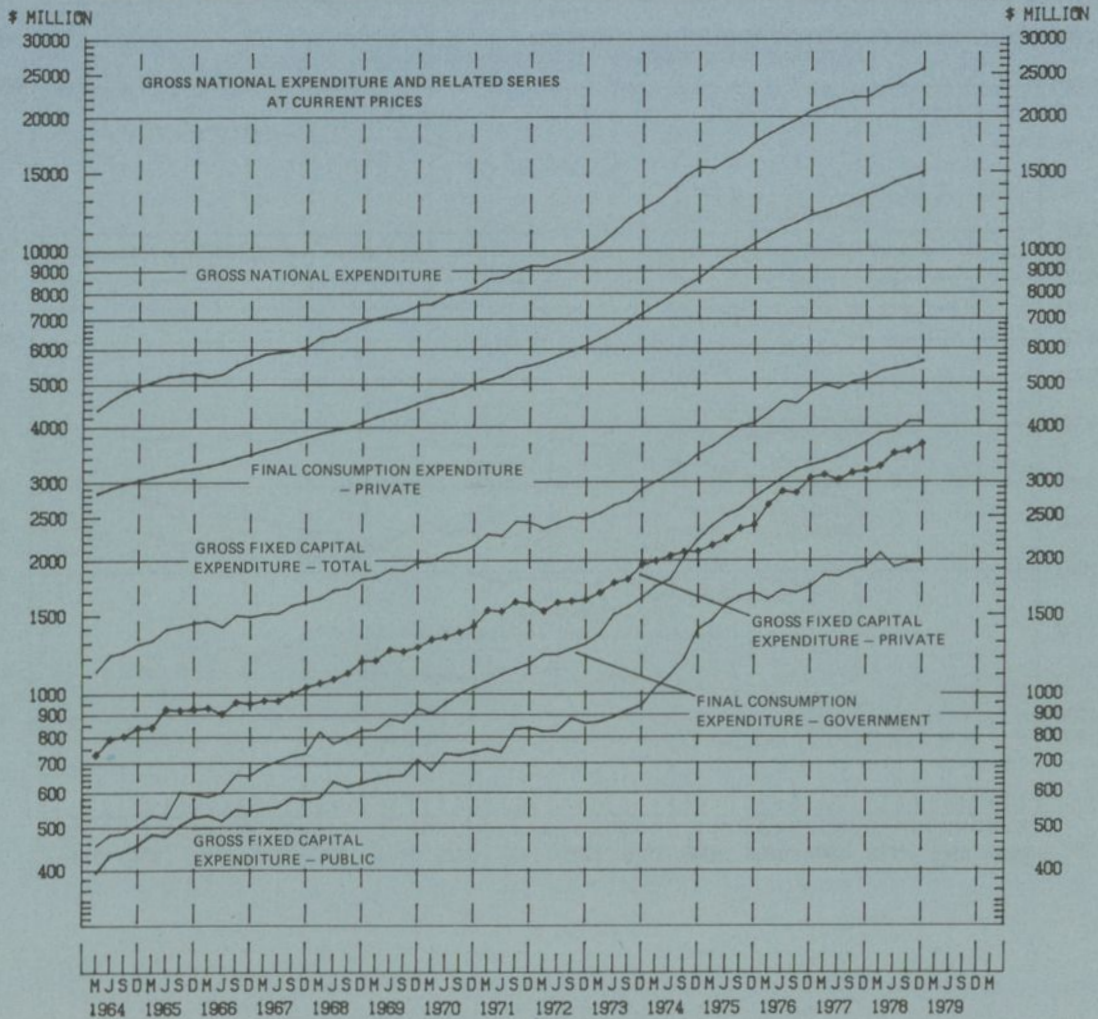




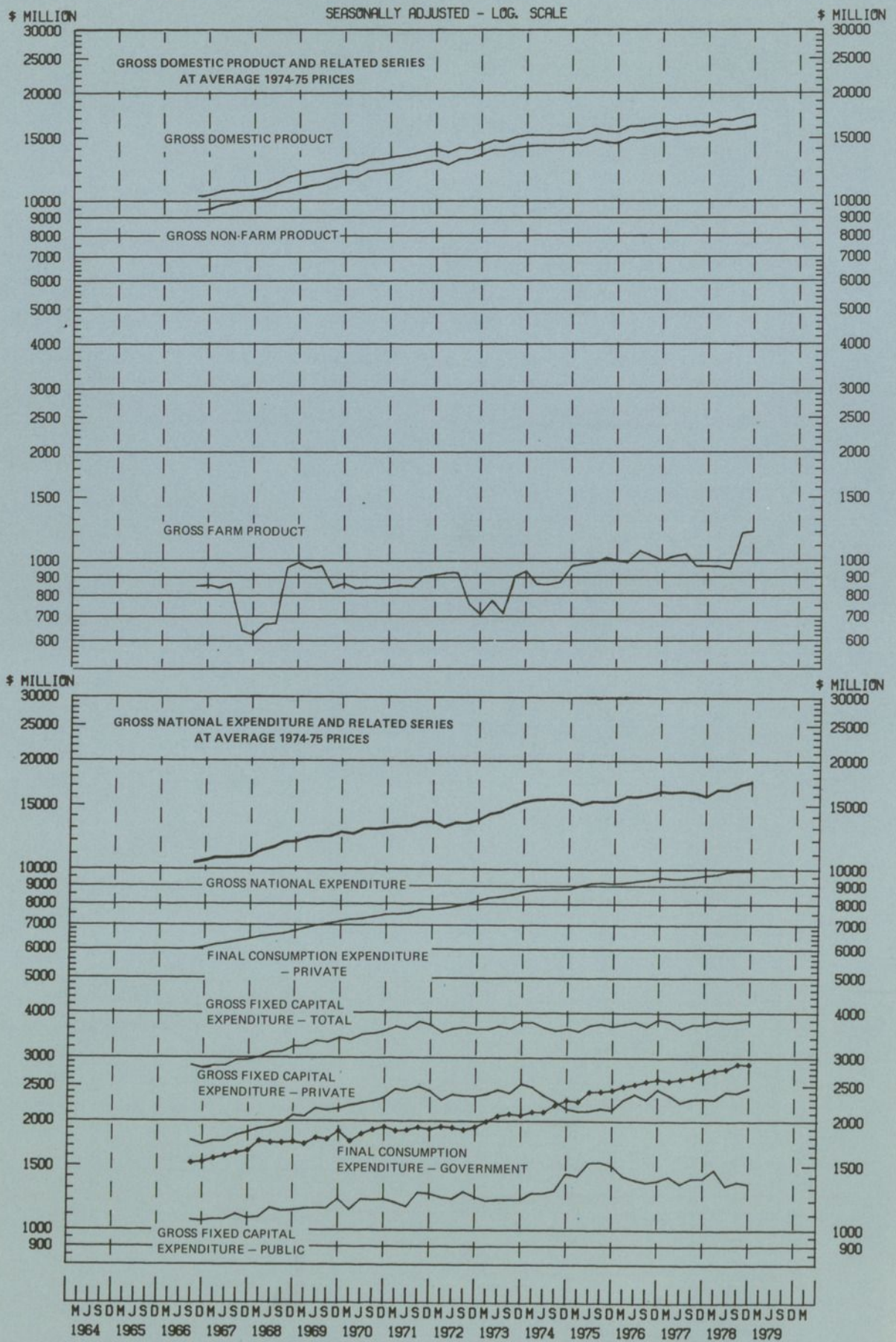










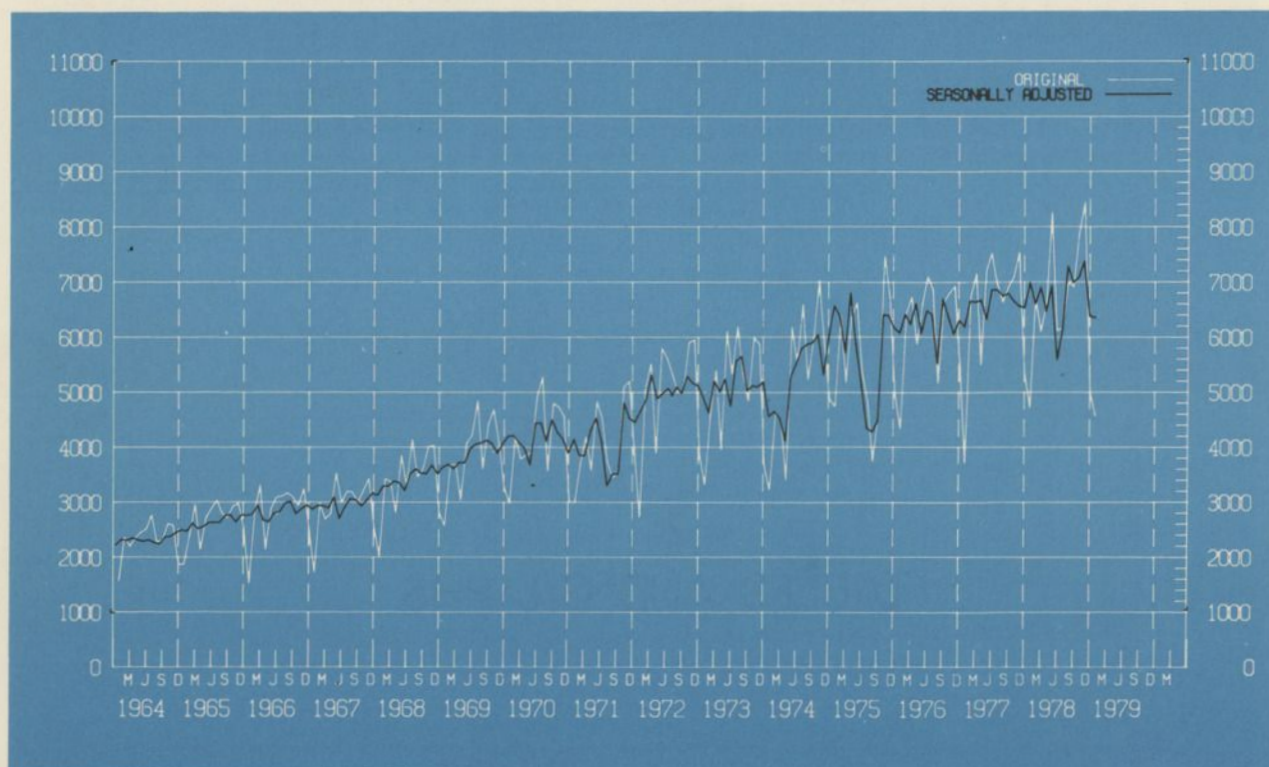






## BLACK COAL PRODUCTION

'000 TONNES

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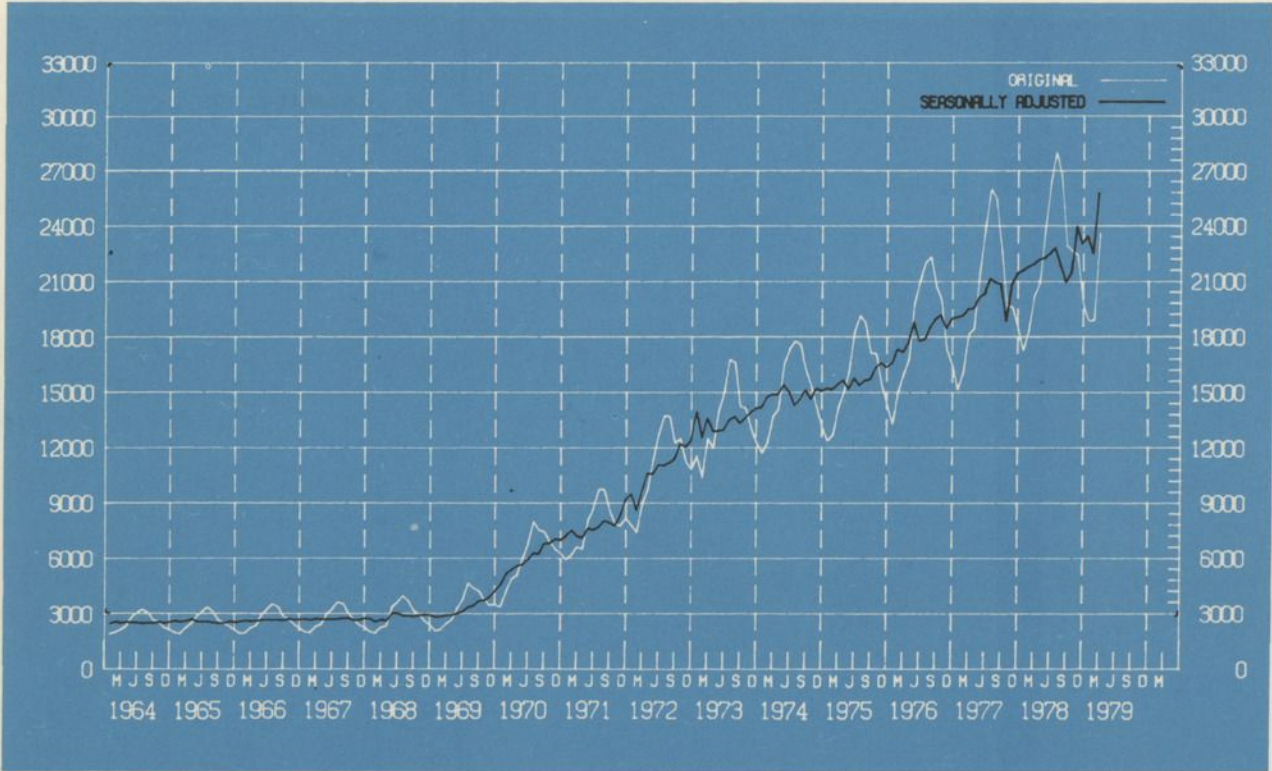
## ELECTRICITY PRODUCTION

MILLION KWH

[illegible][illegible]



GAS PRODUCTION (A)  
AVAILABLE FOR ISSUE THROUGH MAINS  
MILLION MEGAJOULES



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	1889	1984	2110	2311	2785	3039	3229	3070	2659	2543	2237	2142
1965	1962	1910	2216	2437	2817	3123	3345	3112	2659	2469	2332	2110
1966	1910	1941	2216	2342	2923	3229	3513	3355	2849	2680	2395	2205
1967	1994	1952	2290	2395	2965	3239	3608	3524	3018	2648	2363	2247
1968	1994	1941	2258	2332	3323	3608	3957	3672	3155	2933	2585	2384
1969	2057	2100	2458	2638	3292	3724	4652	4379	4231	3756	3429	3461
1970	3345	4220	4874	5064	5951	6774	7997	7523	7438	6879	6489	6288
1971	5919	6183	6594	6489	8040	8715	9714	9756	8595	7861	7753	8154
1972	7778	7402	8903	9742	11372	12741	13733	13691	12239	12502	11241	10829
1973	11569	10397	12493	11962	13974	14945	16805	16587	14225	14157	13016	12253
1974	11704	12275	13695	14082	16555	17339	17777	17592	16194	15336	14208	13116
1975	12354	12682	14141	14989	16159	18276	19157	18737	17109	17094	15418	14312
1976	13260	14990	15975	16770	19819	20983	22001	22337	20750	19969	17293	16498
1977	15117	16058	18137	18471	21398	23854	26025	25479	22804	19619	19627	18488
1978	17243	18284	20226	20903	23768	26323	28038	26776	22886	22622	22404	19795
1979	18839	18892	23585									

SEASONALLY ADJUSTED												
1964	2441	2542	2454	2520	2508	2511	2454	2484	2453	2519	2475	2530
1965	2580	2540	2575	2674	2552	2550	2531	2473	2453	2456	2571	2512
1966	2546	2600	2577	2593	2635	2652	2630	2626	2604	2684	2641	2652
1967	2665	2623	2685	2676	2671	2676	2673	2733	2727	2629	2637	2731
1968	2678	2520	2670	2595	3018	3015	2852	2869	2814	2892	2924	2911
1969	2793	2815	2913	2915	3015	3118	3324	3432	3705	3718	3913	4251
1970	4586	5192	5413	5615	5685	5956	6314	6270	6847	6845	7074	7021
1971	7258	7566	7235	7156	7684	7594	7752	8096	7987	7817	8373	9264
1972	9581	8655	9738	10716	10662	11169	11124	11281	11498	12314	12131	12529
1973	14090	12625	13709	12997	13036	13074	13634	13820	13438	13755	14056	14296
1974	14318	14880	15042	15035	15566	15165	14422	14760	15283	14767	15397	15218
1975	15366	15320	15580	15821	15330	15948	15535	15809	15888	16487	16777	16551
1976	16721	17516	17355	17871	18993	17977	18049	18700	19191	19391	18662	19185
1977	19279	19343	19718	19742	20360	20547	21382	21178	21099	19056	21077	21672
1978	21822	22028	22174	22425	22514	22761	23064	22145	21231	21724	24239	23298
1979	23712	22763	26050									

(A) FROM JULY 1969 INCLUDES NATURAL GAS.



## '000 TONNES

[illegible][illegible]





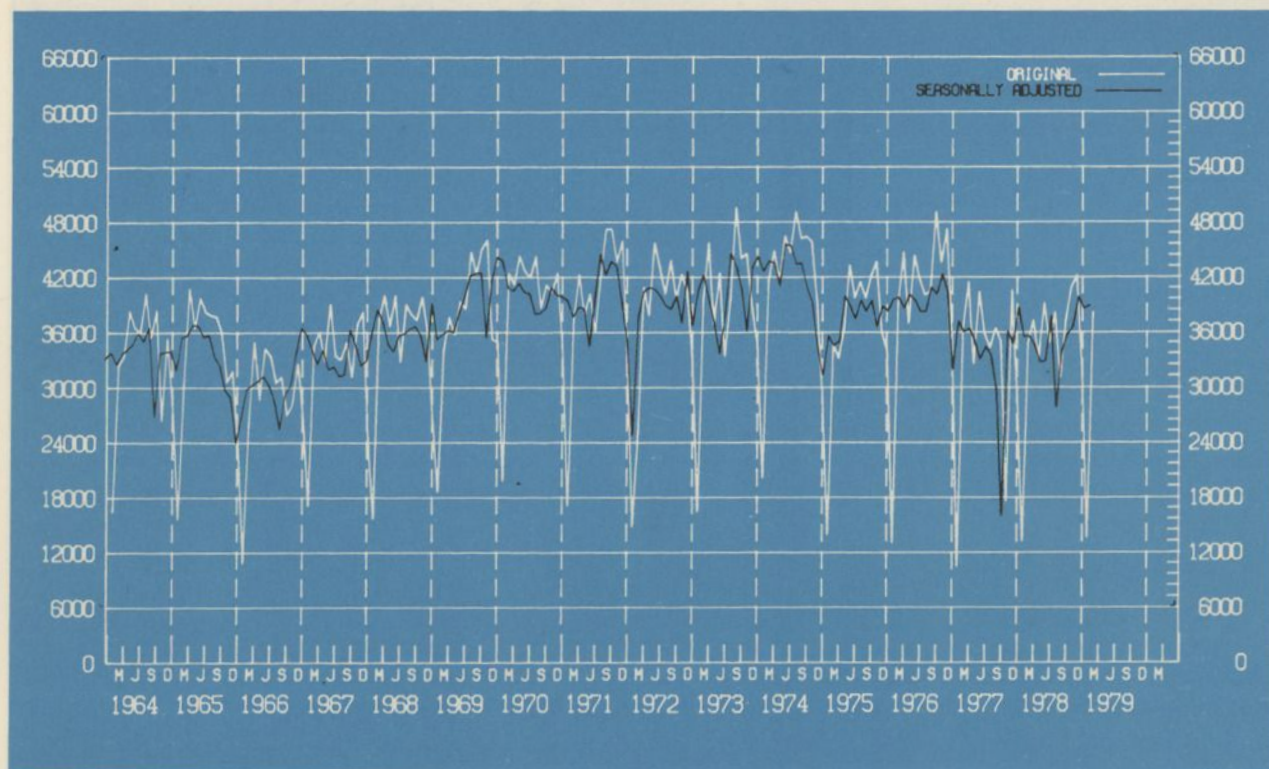






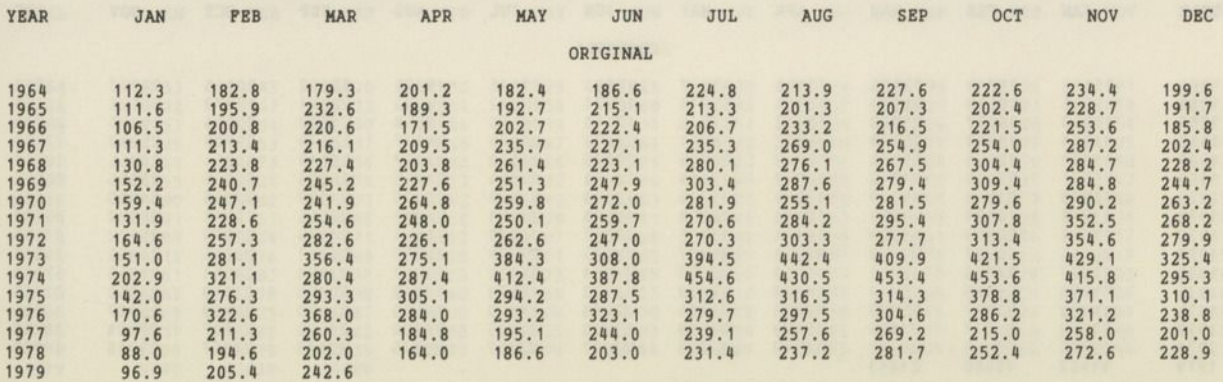
## MOTOR VEHICLE PRODUCTION

NUMBER

[illegible][illegible]

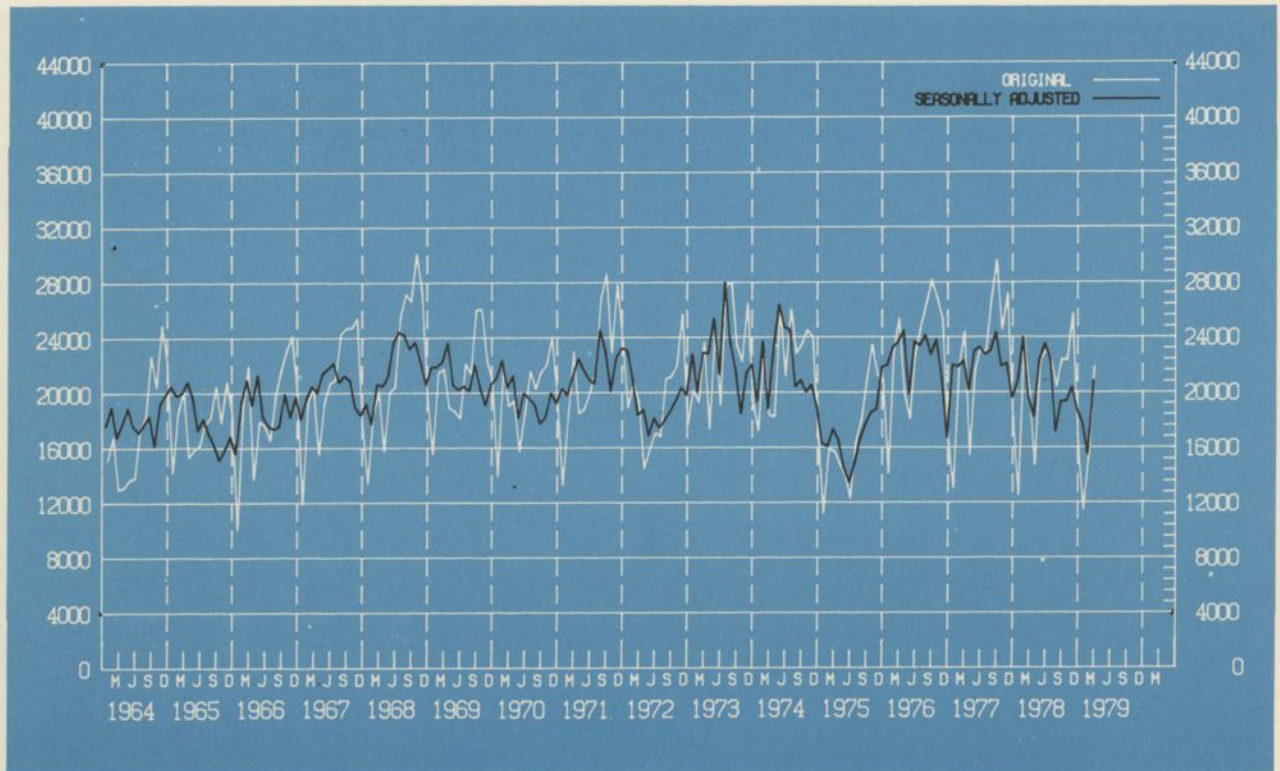


## ' 000

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DOMESTIC REFRIGERATOR PRODUCTION  
NUMBER

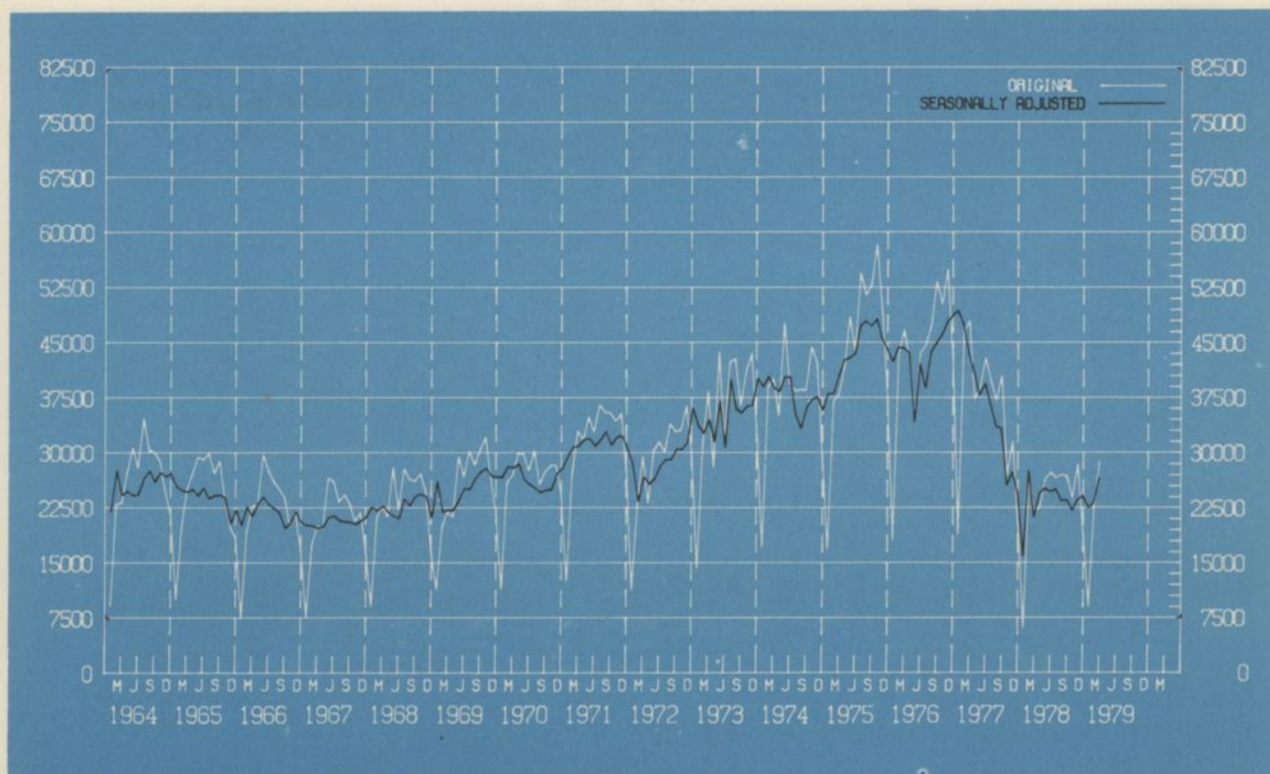


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	ORIGINAL											
1964	15172	16810	13026	13150	13697	13889	17515	18325	22672	20455	24923	22247
1965	14245	18649	20234	15361	15919	16221	17812	18232	20471	17873	20825	18614
1966	10090	19077	21968	13722	17918	17640	16566	19858	21602	23096	24120	20234
1967	11924	19401	20324	15522	19361	20678	20969	24277	24679	24708	25382	17561
1968	13394	18525	20062	15748	20045	20425	25530	27137	26619	30054	27366	19791
1969	15537	21486	21712	18902	18669	18142	22084	21355	26025	26035	22306	20856
1970	13918	21836	19039	19449	15732	18523	21569	20275	21528	22046	24020	19636
1971	13278	18431	22953	18480	18828	19990	21631	26807	28555	22914	27822	23839
1972	18884	20693	19369	14484	15795	17057	16828	20991	21176	21979	25672	17594
1973	20166	19281	23679	17364	24457	19093	27779	28008	23401	22245	26462	19317
1974	17224	22872	18351	18250	26103	21251	26030	22867	23494	24541	24068	17040
1975	11228	15865	15744	14808	14009	12322	16473	17942	20908	23470	21260	21055
1976	14132	22977	25378	19893	18104	22898	24809	26450	28159	26909	25367	16586
1977	13088	21717	24408	15479	21599	23200	22905	26800	29590	24607	27204	18258
1978	12565	23965	20140	14742	22295	23097	22357	20415	22413	22367	25736	16450
1979	11463	15580	21843									

[illegible]



## NUMBER

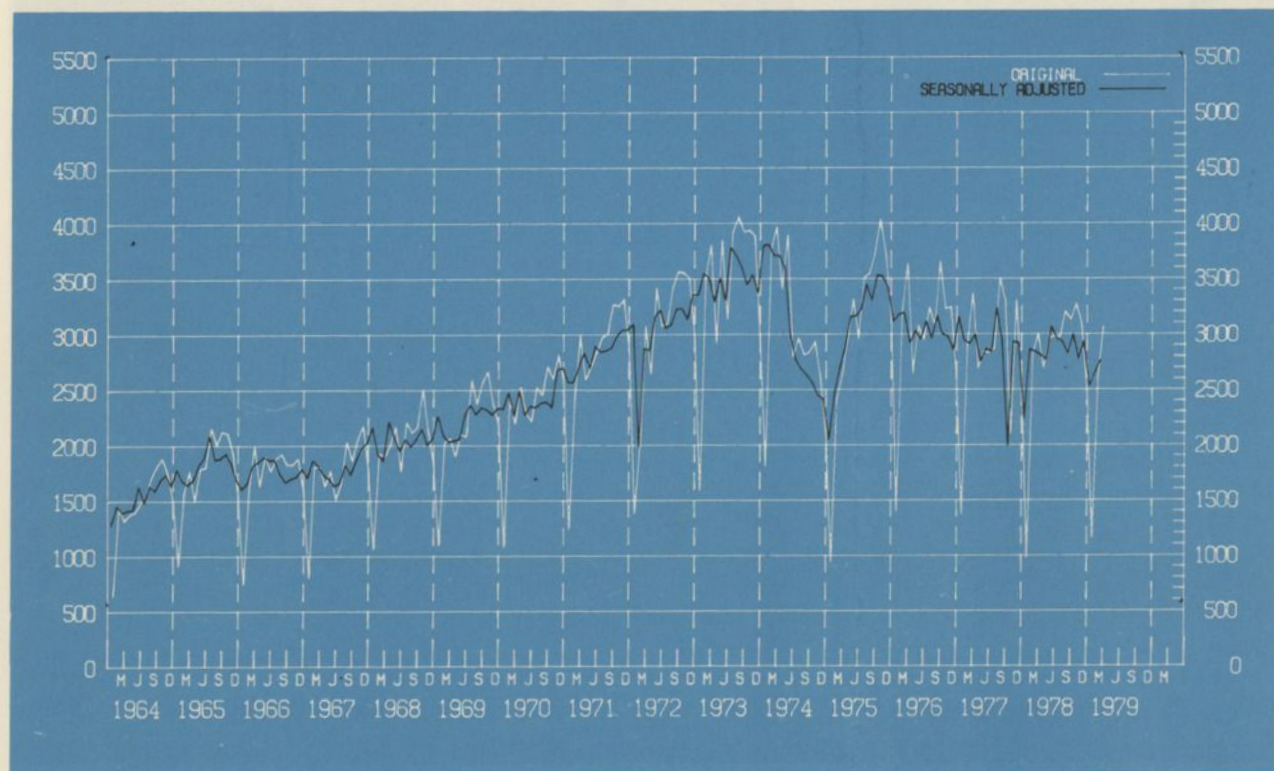


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	9153	23043	23170	27410	30725	27925	34639	30414	29999	28896	24797	21609
1965	10088	19917	25132	27094	29454	29060	29886	27237	28924	23783	19850	18275
1966	7453	19384	22790	22986	29739	27614	26057	25106	23934	20100	21854	16583
1967	7795	17453	20117	19656	26587	26066	23342	24390	23040	20690	21905	16184
1968	9164	21273	22696	21288	28006	22294	27862	26428	26189	27176	24658	16497
1969	11455	20024	21974	21273	29422	26790	30189	28439	30449	32137	26742	21921
1970	11490	26082	26923	29962	29843	27563	30337	25700	27449	28273	28286	24469
1971	12581	27451	32995	31756	34879	32841	36548	35527	35398	34328	35314	27700
1972	11298	23024	29471	23152	30357	31499	30082	33939	32851	33146	36357	29897
1973	14214	31376	38289	28056	43691	31765	42357	42803	36376	41142	43517	32355
1974	17161	39083	40034	34995	47623	39385	38356	38603	38549	44370	42223	29434
1975	16847	36978	37939	41542	48459	43763	54417	51495	52790	58321	49006	36828
1976	18069	43425	46687	42530	34508	43730	44652	47158	53245	50226	54884	42734
1977	18917	46486	47882	37260	38925	42833	39704	37086	40416	26863	31546	20755
1978	6203	26816	22035	22432	26392	27264	26584	26955	26771	23796	28348	18921
1979	9040	22638	28689									
SEASONALLY ADJUSTED												
1964	22152	27687	24343	24952	24262	24469	26586	27635	26152	27466	26891	27309
1965	25475	24996	24729	25133	24213	25356	23831	24273	24335	23952	20437	22325
1966	20180	22711	21468	23229	24124	23051	22487	21912	19818	20455	22063	20633
1967	20191	20088	19806	19926	21247	21470	20819	20639	20602	20269	20730	21291
1968	22658	22110	22819	21975	21410	21060	23787	22805	24137	24408	24062	21171
1969	26183	21985	22254	22145	23682	25185	25028	26522	27463	27943	26836	26693
1970	26629	28131	27926	28473	26321	25626	25158	24538	24894	24902	27154	27879
1971	29466	30812	30874	31836	31961	30897	31704	32896	31010	32117	32316	30509
1972	28388	32333	26716	25703	26463	28204	29065	29064	30477	30448	31399	36099
1973	33676	32626	34491	31490	36977	30790	39970	35950	35385	36334	36397	40141
1974	39001	40400	38826	38320	40299	40324	35088	33289	36060	37242	37595	35774
1975	38051	37975	40492	42634	42883	43489	47320	47864	47196	48159	45465	44072
1976	42337	44269	44179	43543	34127	41988	38678	43664	44894	46000	47690	48558
1977	49284	47486	43551	40862	37729	39315	36533	33465	33101	25390	27222	24396
1978	15740	27378	21052	24326	25004	24516	24904	23304	23440	21943	23405	23956
1979	22317	23107	26380									



FLOOR COVERING PRODUCTION  
(EXCLUDING UNDERFELTS AND UNDERLAYS)

'000 SO. METRES



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	647	1432	1317	1381	1399	1486	1552	1716	1813	1887	1748	1503
1965	911	1566	1769	1500	1789	1805	2161	2002	2131	2110	1934	1544
1966	748	1602	1999	1634	1904	1773	1890	1926	1828	1827	1885	1594
1967	807	1810	1810	1634	1774	1517	1656	2033	1866	2055	2178	1779
1968	1062	1932	1901	2005	2171	1771	2213	2118	2170	2508	2130	1844
1969	1098	2031	2067	1905	2105	2079	2589	2374	2571	2667	2376	2193
1970	1084	2430	2197	2530	2292	2221	2525	2453	2711	2599	2816	2580
1971	1237	2436	2988	2593	2712	2840	2973	3008	3272	3252	3317	2865
1972	1381	2034	3069	2637	3414	3075	3095	3426	3565	3552	3506	2983
1973	1584	3507	3801	2923	3847	3135	3928	4055	3921	3937	3879	2950
1974	1805	3770	3965	3403	3896	2787	2963	2809	2839	2931	2622	2122
1975	939	2414	2629	2955	3313	2954	3507	3546	3720	4031	3724	3142
1976	1396	3183	3638	2642	3073	2942	3235	3071	3650	3222	3243	2593
1977	1366	2901	3366	2687	2840	2830	2871	3500	3294	2093	3303	2563
1978	977	2816	3000	2688	2961	2980	2968	3199	3123	3268	3091	2513
1979	1154	2602	3054									

[illegible]

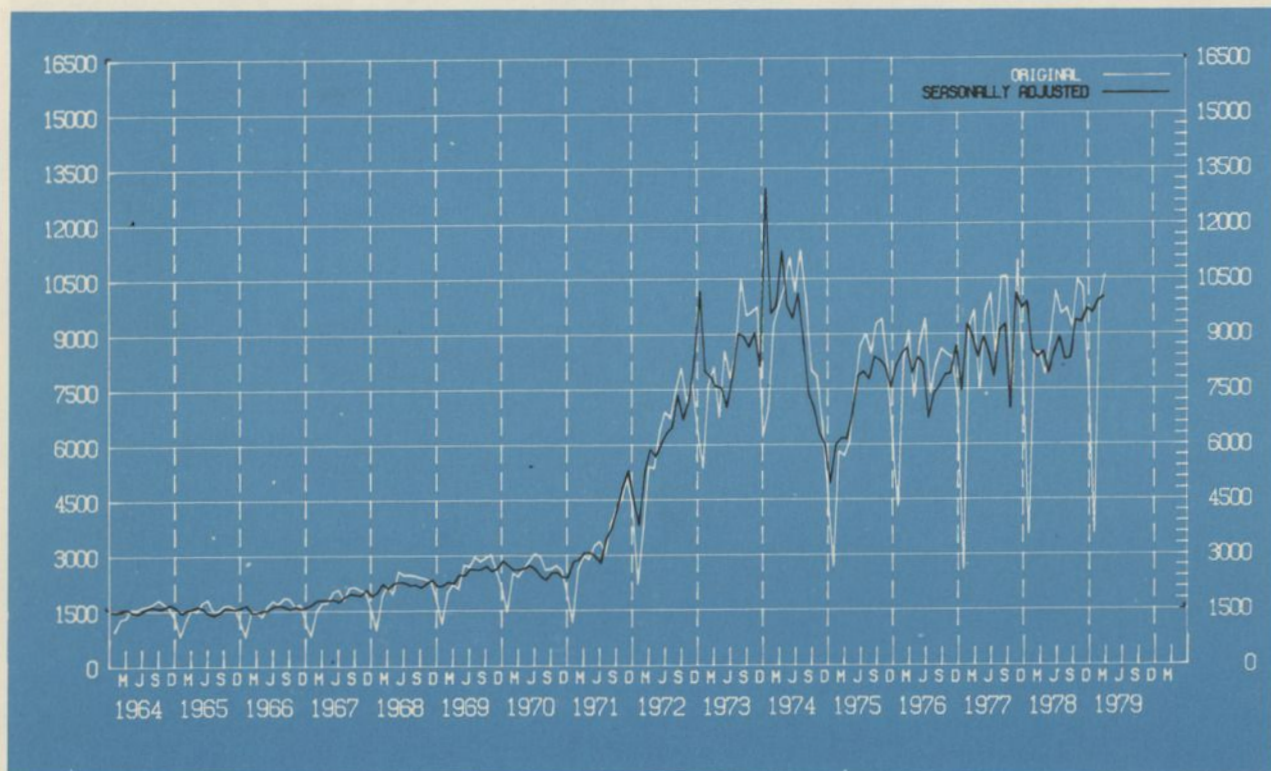






## PRODUCTION OF SYNTHETIC FIBRE WOVEN CLOTH

'000 SQ. METRES

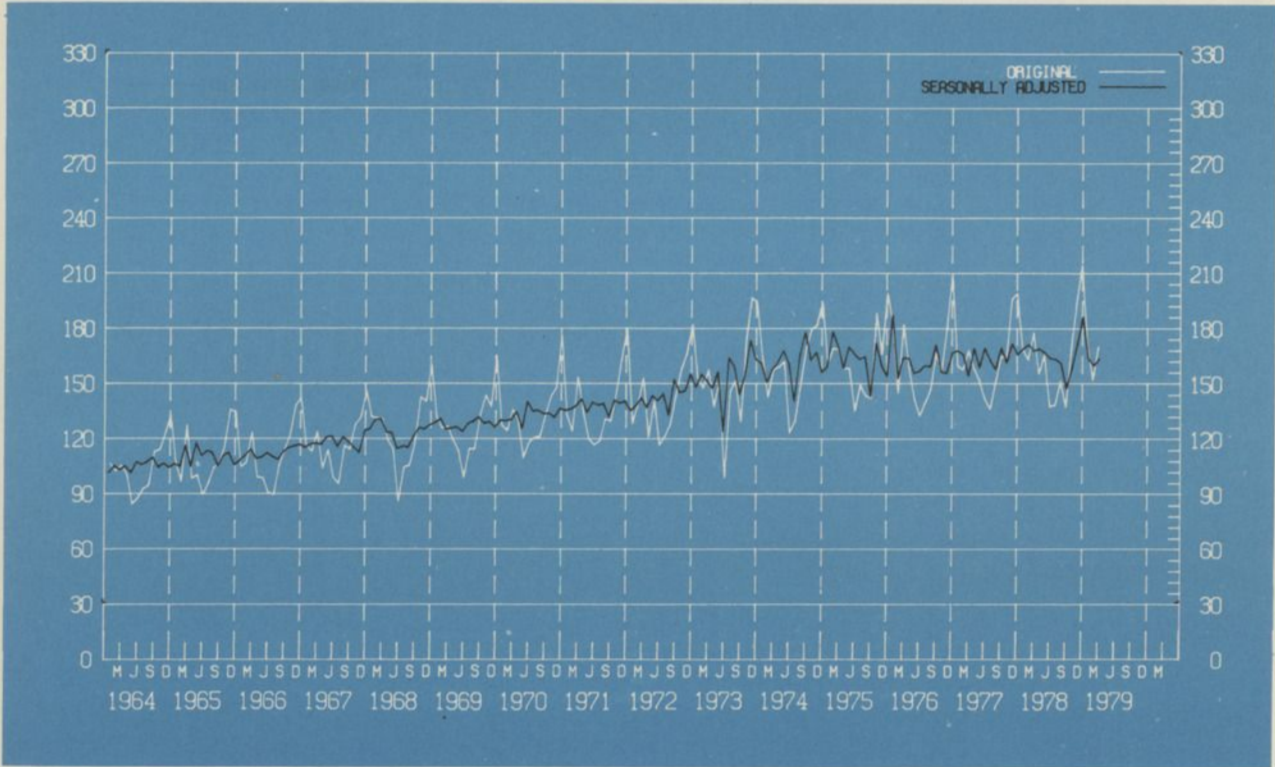


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	953	1278	1314	1554	1528	1604	1630	1699	1811	1697	1578	1288
1965	794	1263	1537	1480	1719	1798	1492	1499	1652	1650	1572	1200
1966	788	1470	1468	1334	1636	1768	1678	1853	1832	1613	1665	1179
1967	805	1503	1712	1709	2008	2081	1787	2139	2144	2054	2001	1537
1968	972	1901	2179	1941	2579	2467	2477	2442	2394	2360	2280	1786
1969	1132	1992	2214	2088	2749	2682	2953	2832	2923	3020	2559	2098
1970	1453	2518	2414	2640	2843	3045	2959	2605	2622	2726	2584	1941
1971	1174	2639	2979	2885	3254	3365	3061	3822	4272	4506	5090	4342
1972	2216	3736	5413	5358	6369	6901	6711	7492	8097	7152	7740	6413
1973	5352	7651	8122	6758	8551	7796	8540	10492	9501	9605	9745	6212
1974	6950	9245	9797	10278	11078	10171	11286	9980	8004	7854	6583	4706
1975	2681	5814	5684	6067	7476	8696	9013	8483	9292	9420	8198	6164
1976	4319	8347	9082	7286	8742	9418	7393	8200	8602	8452	8364	7237
1977	2598	9178	9645	7490	9651	10098	8481	10554	10559	7535	10999	7928
1978	3538	8497	8458	7879	8862	10158	9523	9701	9175	10461	10238	7659
1979	3550	9846	10568									

[illegible]



### BEER PRODUCTION



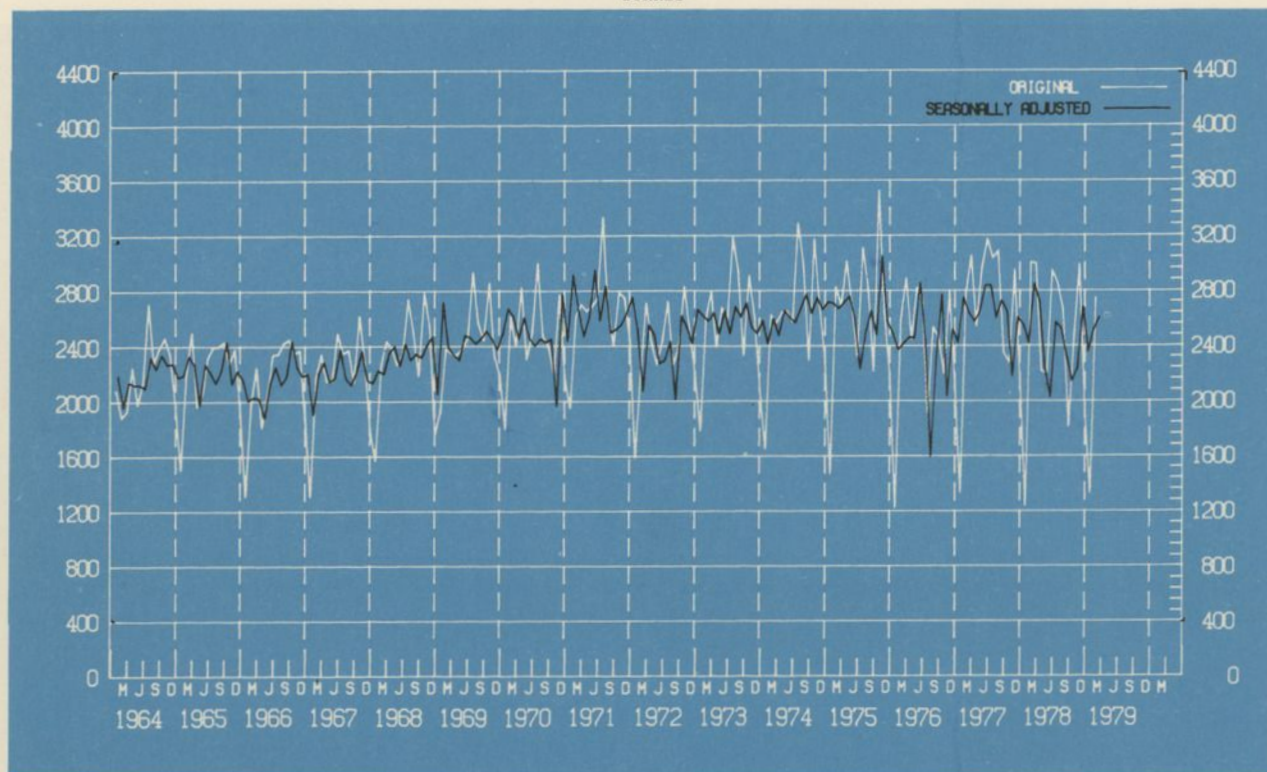
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	ORIGINAL											
1964	106.1	102.1	105.2	101.0	84.3	87.5	92.7	94.4	113.0	113.9	122.9	132.7
1965	106.9	96.6	127.3	98.2	100.2	89.4	95.3	104.2	106.4	116.2	135.9	134.0
1966	104.6	107.1	123.5	98.8	98.6	90.6	89.1	105.2	114.0	122.1	138.0	142.2
1967	116.4	112.6	123.8	103.6	113.9	98.6	95.0	116.0	113.9	127.5	131.4	145.9
1968	131.5	131.0	130.5	118.9	114.3	85.7	104.6	105.1	117.3	142.5	140.0	159.8
1969	131.2	125.4	126.5	119.4	113.5	98.7	114.5	113.8	133.1	143.4	137.3	165.2
1970	126.9	124.0	135.7	130.0	109.4	117.8	120.3	121.0	132.3	142.9	147.4	175.9
1971	132.6	123.7	153.3	134.0	119.6	116.2	118.6	130.7	129.3	144.4	163.2	179.4
1972	128.1	138.4	152.7	120.8	140.5	116.2	121.4	127.8	143.6	157.6	166.2	182.3
1973	153.1	147.6	157.7	137.2	151.5	98.7	145.8	151.7	129.4	174.1	197.0	193.9
1974	164.1	142.8	157.9	159.2	162.2	123.1	130.0	150.1	169.4	179.7	182.1	194.3
1975	161.4	169.4	168.8	158.1	158.5	135.3	149.3	143.4	142.2	188.4	166.2	199.2
1976	182.7	145.2	182.1	158.7	141.6	132.6	139.6	147.0	166.6	157.0	180.4	210.2
1977	159.8	157.8	168.2	158.4	152.0	142.2	136.2	151.3	165.1	164.2	196.5	199.3
1978	169.3	163.2	177.9	155.7	166.2	137.9	138.6	151.5	137.6	169.1	194.7	214.8
1979	171.3	152.2	170.1									

[illegible]



TOBACCO AND CIGARETTE PRODUCTION  
(SOURCE OF ORIGINAL DATA - DEPARTMENT OF BUSINESS AND CONSUMER AFFAIRS)

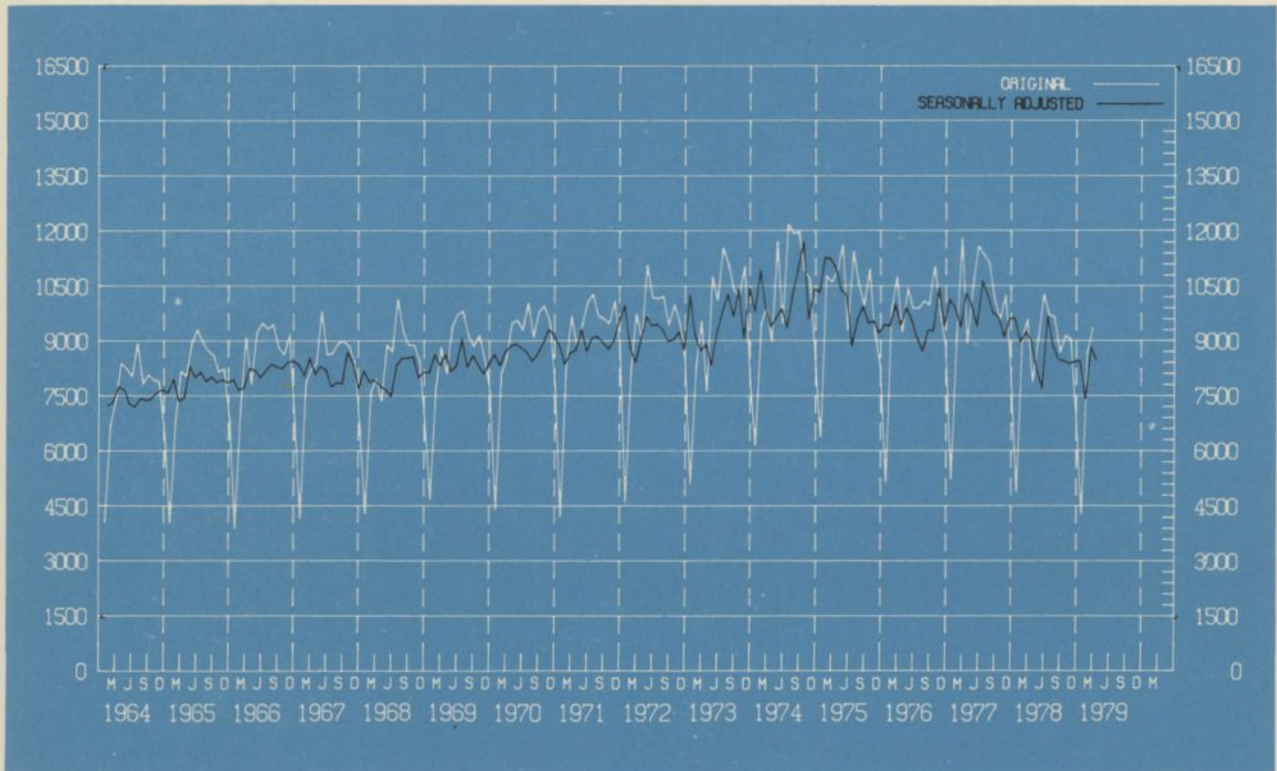
TONNES

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## CONFECTIONERY PRODUCTION

TONNES



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	4069	6690	7403	8391	8228	8033	8922	7820	8083	7933	7893	6459
1965	4037	6827	8173	8037	8931	9307	8963	8723	8618	8152	8242	6822
1966	3892	7094	9090	7829	9212	9490	9321	9453	8822	8628	9162	6863
1967	4164	7843	8246	8373	9802	8627	8659	8922	9004	8859	8477	6741
1968	4296	7603	7974	7352	8895	8700	10133	9257	8881	8895	8483	6813
1969	4685	7693	8836	8110	9376	9725	9821	9135	8854	9163	8528	7638
1970	4405	8115	8542	9494	9570	9308	10051	9122	9802	9970	9530	7838
1971	4213	8273	9693	8918	9453	10074	10293	9706	9631	9481	10100	8867
1972	4617	8233	9756	9038	11075	10203	10170	10229	9447	9996	9536	8472
1973	5114	8307	9547	7640	10765	10125	11525	11098	10396	10217	11042	8047
1974	6160	9470	9912	8986	11708	9473	12181	11920	11955	10916	10684	8582
1975	6373	10761	10608	10886	11612	9283	11439	10561	9959	10940	9214	8289
1976	5140	9825	10731	9251	10431	9883	9886	10083	9985	11024	9743	8864
1977	5208	9126	11794	8938	10451	11574	11330	11117	10137	9571	10233	8089
1978	4858	9036	9586	7867	9040	10264	9699	9651	8677	9142	9031	6918
1979	4257	8655	9338									

## SEASONALLY ADJUSTED

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1964	7242	7343	7763	7672	7272	7216	7442	7386	7429	7608	7672	7592
1965	7966	7363	7468	8301	8019	8163	7909	8029	7884	7961	7873	7960
1966	7673	7741	8266	8206	8018	8217	8374	8304	8263	8434	8466	8355
1967	8054	8548	8109	8326	8222	7759	7879	7849	8716	8391	7721	8212
1968	7897	7948	7780	7686	7501	8358	8548	8545	8584	8017	8169	8142
1969	8643	8334	8655	8192	8344	9070	8294	8626	8362	8125	8387	8646
1970	8350	8717	8881	8934	8829	8708	8462	8676	8959	9336	9161	8882
1971	8375	8692	8773	9329	8737	9105	9143	8969	8799	9027	9593	9985
1972	8870	8431	9052	9694	9437	9479	9329	9021	9070	9291	8773	10264
1973	9172	8762	8938	8374	9252	9814	10297	9698	10428	9106	10471	9835
1974	10942	9953	9423	9677	9905	9387	10293	10996	11729	9627	10455	10353
1975	11308	11259	11031	10429	10285	8895	9609	9984	9515	9575	9247	9484
1976	9435	10037	9465	9938	9610	9112	8754	9328	9305	10473	9450	10144
1977	9944	9411	10334	10013	9425	10659	10250	9794	9675	9145	9640	9651
1978	8998	9275	9049	8294	7750	9706	8912	8538	8488	8419	8470	8498
1979	7464	8865	8526									



MEAT PRODUCTION  
TOTAL  
'000 TONNES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	130.8	131.7	135.2	152.8	151.6	149.8	156.6	141.5	146.6	144.4	137.9	141.6
1965	136.6	133.4	159.2	149.2	145.2	150.4	139.7	131.3	131.0	129.5	135.7	127.7
1966	122.0	136.4	163.2	144.7	165.6	163.2	146.2	140.3	135.0	130.4	132.8	128.9
1967	121.0	126.7	132.9	129.8	151.0	141.7	136.8	138.9	142.8	156.0	158.9	144.2
1968	134.8	143.2	148.6	132.9	146.0	135.0	148.3	141.1	143.9	158.0	146.1	132.6
1969	134.8	136.9	150.1	150.6	168.5	166.0	183.3	161.7	157.4	170.7	146.8	150.7
1970	145.2	151.9	151.0	177.9	171.5	171.5	180.6	161.6	166.7	161.6	148.3	159.7
1971	154.9	150.8	190.5	181.5	192.0	206.1	204.0	183.5	186.2	181.9	185.1	181.9
1972	166.2	185.7	212.1	187.3	225.9	222.7	209.5	216.2	192.2	204.9	212.6	187.8
1973	206.7	197.9	224.2	161.2	221.4	180.9	190.1	209.2	196.8	204.3	194.2	144.0
1974	144.4	140.8	143.6	136.2	152.7	144.2	140.9	143.0	176.9	217.3	213.1	187.9
1975	187.7	184.8	185.8	201.7	205.6	204.4	233.5	194.1	211.5	228.0	192.6	198.8
1976	185.4	212.8	240.2	226.2	243.9	234.9	238.8	221.8	229.5	216.2	212.5	207.9
1977	201.5	232.8	253.4	221.2	239.6	246.8	240.3	249.4	261.1	259.3	265.7	218.0
1978	223.0	224.4	247.1	218.6	256.2	233.4	223.7	239.4	234.7	258.8	257.8	207.6
1979	215.2	230.1	242.9									

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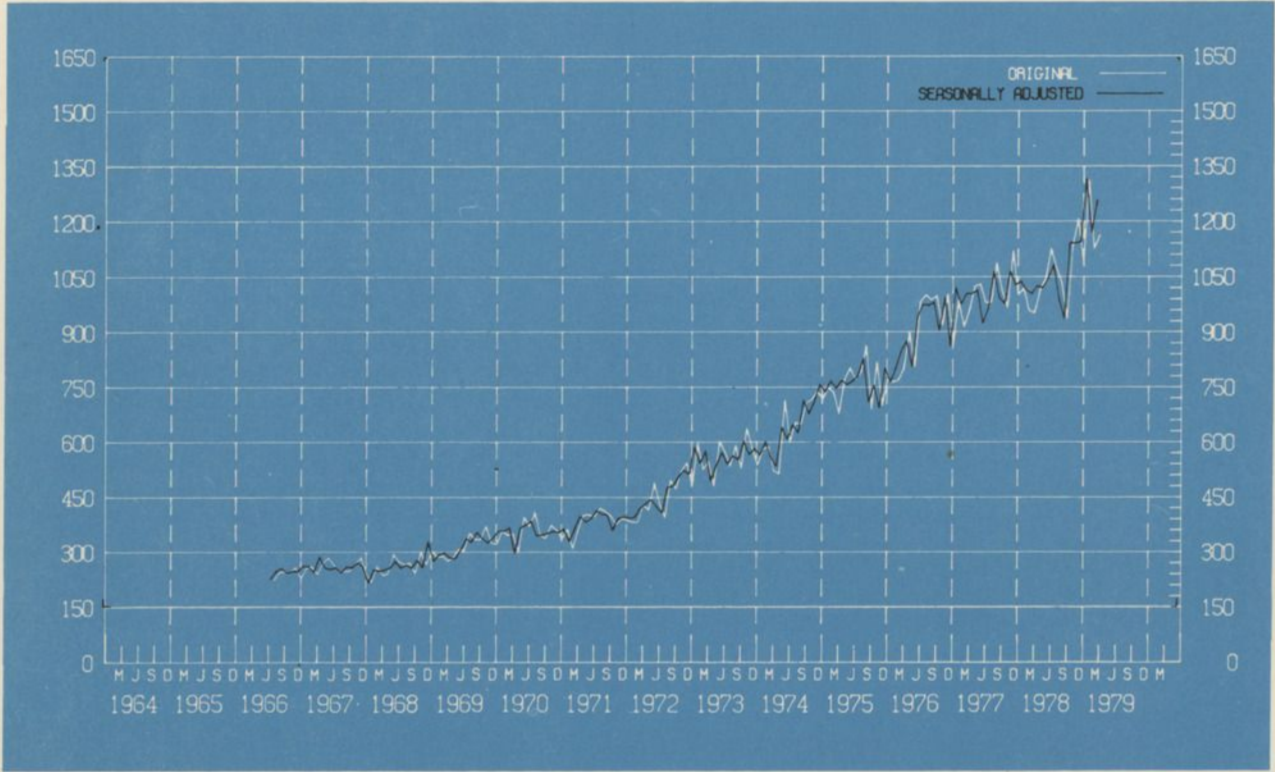


## MILLION LITRES

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TOTAL EXPORTS  
\$ MILLION



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966							223	245	247	244	259	228
1967	256	260	239	270	285	265	249	248	246	266	284	239
1968	216	259	234	240	293	272	264	268	239	298	263	302
1969	284	288	275	283	307	304	350	333	332	370	324	320
1970	356	344	349	297	395	368	407	342	337	372	358	335
1971	361	309	360	400	401	395	418	409	397	373	391	386
1972	380	381	429	413	487	430	392	495	471	520	543	477
1973	594	523	547	478	601	571	532	590	528	637	583	535
1974	581	587	521	513	713	598	652	648	705	715	737	717
1975	747	735	676	769	801	770	788	862	689	817	698	771
1976	763	768	800	897	805	981	1000	986	997	916	1000	862
1977	984	913	958	1024	1029	979	980	1087	1012	966	1119	1000
1978	1018	957	951	1013	1042	1126	1073	1032	934	1134	1206	1088
1979	1311	1126	1160									

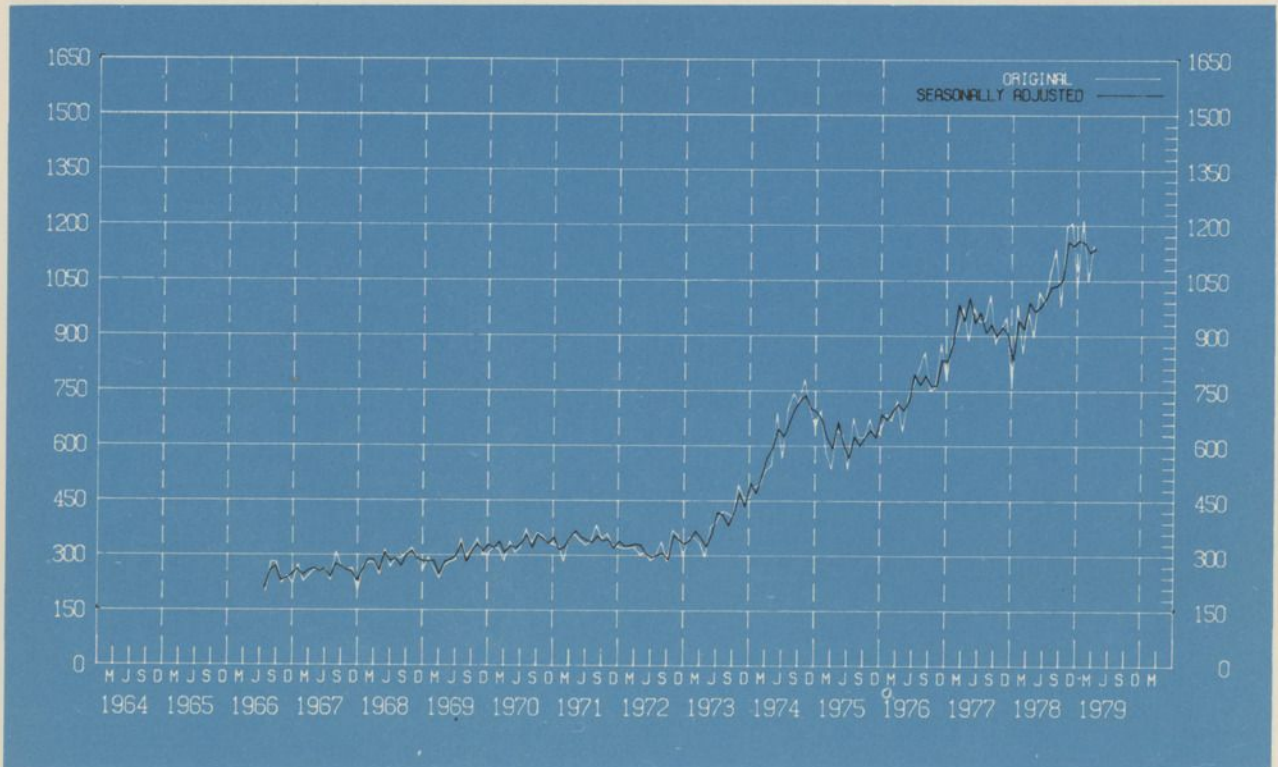
SEASONALLY ADJUSTED												
1966							227	247	256	243	247	246
1967	262	261	244	287	256	253	258	244	260	257	271	260
1968	216	252	249	251	257	275	257	265	257	278	258	330
1969	276	293	298	284	282	307	338	327	355	338	326	340
1970	358	357	367	297	368	375	384	345	348	353	357	353
1971	364	329	365	399	382	392	414	404	402	358	392	396
1972	394	395	420	432	444	425	407	477	480	505	524	512
1973	588	541	577	495	538	573	540	563	552	604	566	584
1974	565	603	559	533	641	608	650	625	715	678	712	759
1975	737	769	748	770	758	767	782	830	709	758	694	803
1976	765	803	850	877	806	943	978	974	984	904	996	862
1977	1022	977	1007	1007	1016	925	967	1068	996	979	1068	1030
1978	1041	1016	1006	1028	1022	1048	1086	993	938	1146	1144	1148
1979	1319	1171	1259									

NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCTUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED IN INTERPRETING INDIVIDUAL MONTH-TO-MONTH MOVEMENTS.



## TOTAL IMPORTS

\$ MILLION



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966							201	282	281	223	244	221
1967	273	228	245	260	258	264	231	308	270	260	264	203
1968	271	281	280	246	315	267	292	292	304	320	289	258
1969	294	265	237	273	283	287	344	296	316	345	304	304
1970	322	317	285	337	308	321	371	333	360	353	334	329
1971	326	283	349	356	340	328	338	382	344	359	325	322
1972	318	319	321	303	307	285	299	337	283	369	354	299
1973	348	348	333	295	379	390	420	415	403	493	456	458
1974	487	493	533	544	687	567	700	741	716	780	705	650
1975	696	580	536	641	629	534	675	621	622	672	622	642
1976	686	667	723	639	731	765	810	855	750	761	879	778
1977	884	917	976	886	976	939	940	1011	877	921	951	758
1978	986	854	965	897	1020	988	1068	1135	981	1195	1206	1034
1979	1213	1051	1146									

## SEASONALLY ADJUSTED

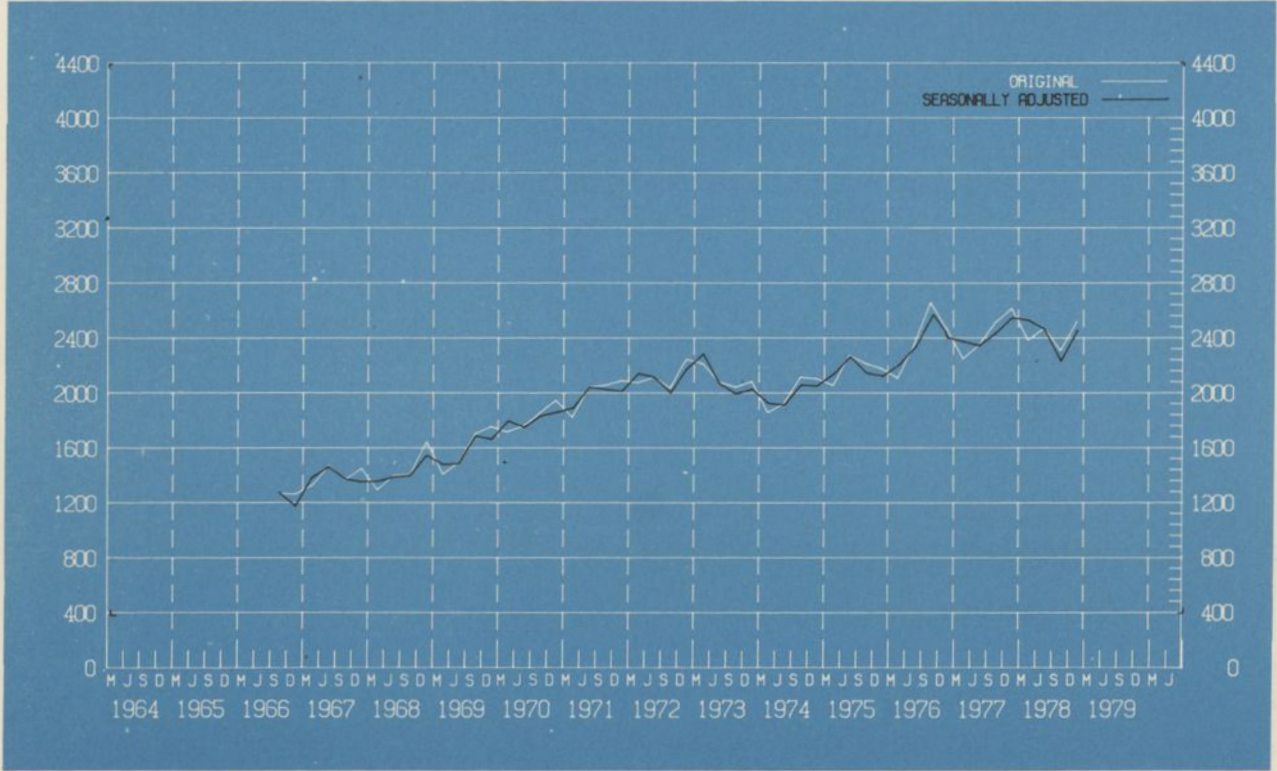
1966							209	257	269	229	236	246
1967	262	243	257	262	254	261	238	275	268	258	253	228
1968	261	286	285	254	304	281	289	269	299	309	287	281
1969	281	282	246	280	284	294	330	279	311	328	308	326
1970	317	334	303	323	315	330	354	318	354	342	329	347
1971	312	319	347	364	346	338	331	350	335	342	317	336
1972	322	324	328	324	298	292	298	305	284	353	339	327
1973	340	363	344	320	356	415	406	378	414	468	430	496
1974	466	513	565	589	643	621	657	696	720	735	698	689
1975	668	618	588	662	602	563	623	597	622	640	619	683
1976	669	691	712	694	719	792	763	789	761	761	832	827
1977	878	984	937	1000	932	961	905	929	896	920	904	830
1978	940	915	989	963	976	999	1031	1033	1050	1153	1141	1157
1979	1150	1123	1134									

NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED IN INTERPRETING INDIVIDUAL MONTH-TO-MONTH MOVEMENTS.



EXPORTS OF MERCHANDISE  
AT AVERAGE 1974-75 PRICES

\$ MILLION



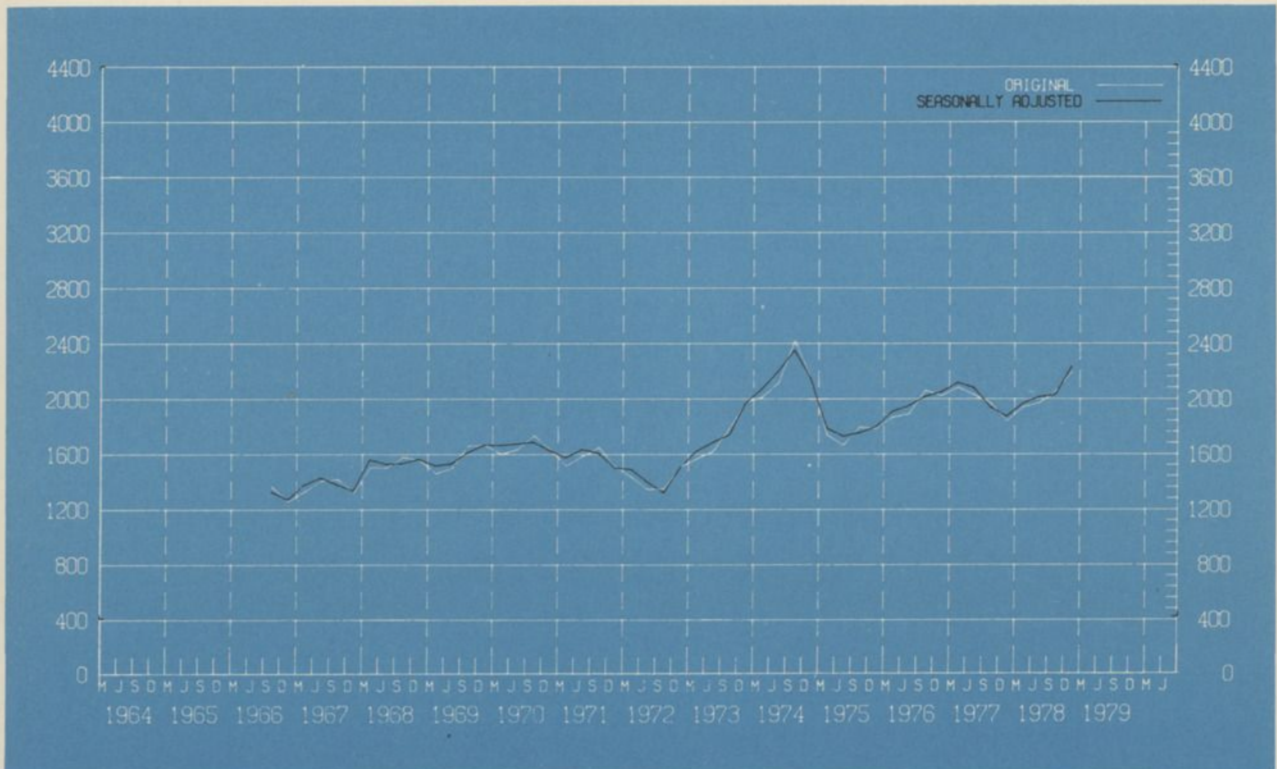
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1966			1268	1265
1967	1329	1471	1370	1452
1968	1297	1399	1410	1646
1969	1412	1496	1706	1753
1970	1716	1758	1853	1946
1971	1822	2043	2056	2090
1972	2075	2115	2036	2245
1973	2211	2080	2040	2083
1974	1855	1923	2114	2103
1975	2053	2271	2214	2176
1976	2106	2350	2658	2463
1977	2247	2350	2513	2613
1978	2386	2471	2308	2517

SEASONALLY ADJUSTED

1966			1287	1189
1967	1397	1476	1388	1365
1968	1370	1401	1411	1558
1969	1491	1497	1700	1673
1970	1808	1762	1843	1871
1971	1901	2054	2037	2024
1972	2153	2123	2013	2190
1973	2296	2082	2003	2039
1974	1933	1924	2067	2061
1975	2149	2274	2153	2132
1976	2219	2350	2580	2409
1977	2378	2347	2437	2550
1978	2532	2465	2235	2456



IMPORTS OF MERCHANDISE  
AT AVERAGE 1974-75 PRICES



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966			1360	1253
1967	1328	1403	1415	1319
1968	1501	1499	1576	1553
1969	1456	1497	1660	1662
1970	1598	1632	1731	1629
1971	1511	1582	1645	1505
1972	1430	1342	1346	1506
1973	1563	1617	1781	1976
1974	2010	2112	2415	2149
1975	1736	1661	1793	1781
1976	1865	1887	2058	2020
1977	2082	2026	1968	1836
1978	1938	1968	2052	2191

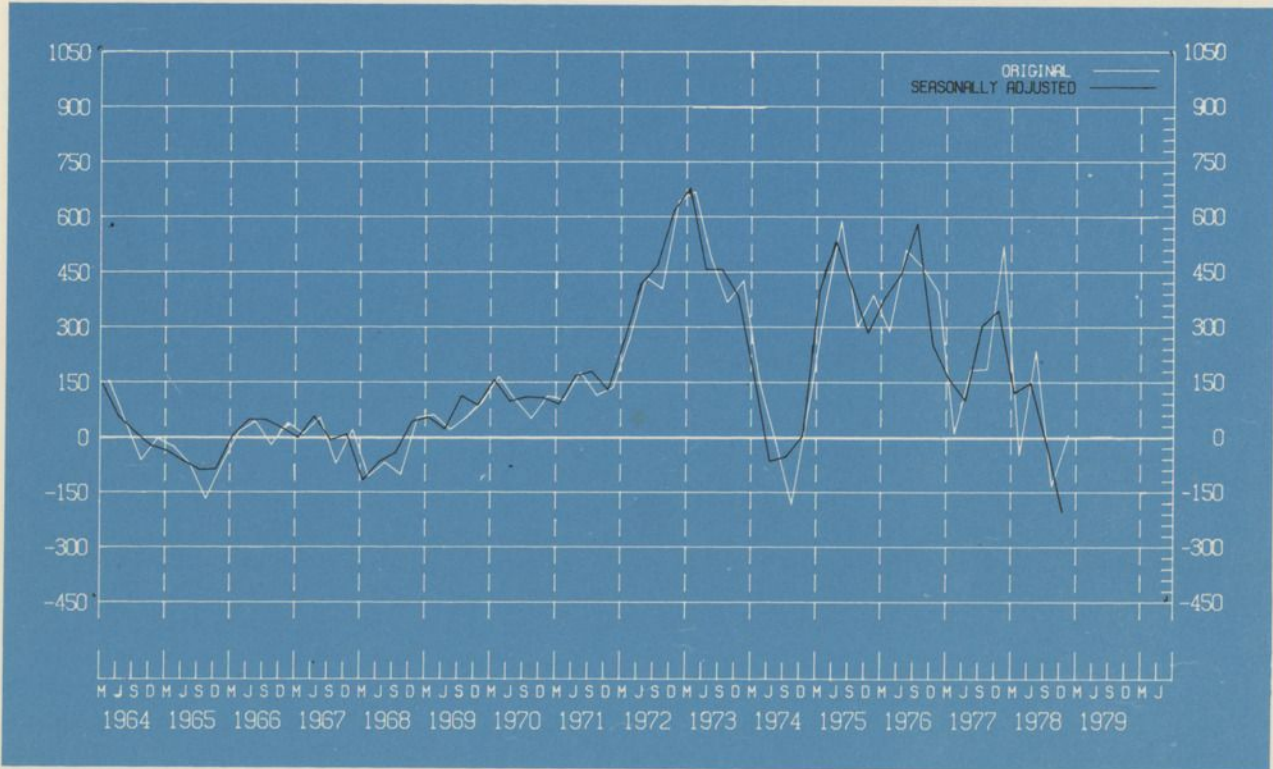
## SEASONALLY ADJUSTED

1966			1313	1255
1967	1365	1415	1365	1319
1968	1545	1513	1519	1549
1969	1501	1515	1600	1651
1970	1647	1658	1672	1610
1971	1555	1616	1589	1482
1972	1470	1377	1300	1482
1973	1601	1666	1719	1947
1974	2052	2176	2331	2128
1975	1764	1707	1733	1775
1976	1888	1927	1996	2027
1977	2096	2058	1919	1850
1978	1944	1992	2008	2210



BALANCE OF PAYMENTS - CURRENT ACCOUNT  
BALANCE OF TRADE

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	155	44	-62	-4
1965	-26	-74	-168	-72
1966	14	43	-21	38
1967	9	53	-73	20
1968	-107	-69	-103	53
1969	61	21	53	96
1970	164	102	51	112
1971	101	176	114	135
1972	266	434	404	642
1973	668	488	368	426
1974	151	-11	-183	79
1975	354	588	299	387
1976	288	510	464	397
1977	10	183	185	520
1978	-49	235	-134	5

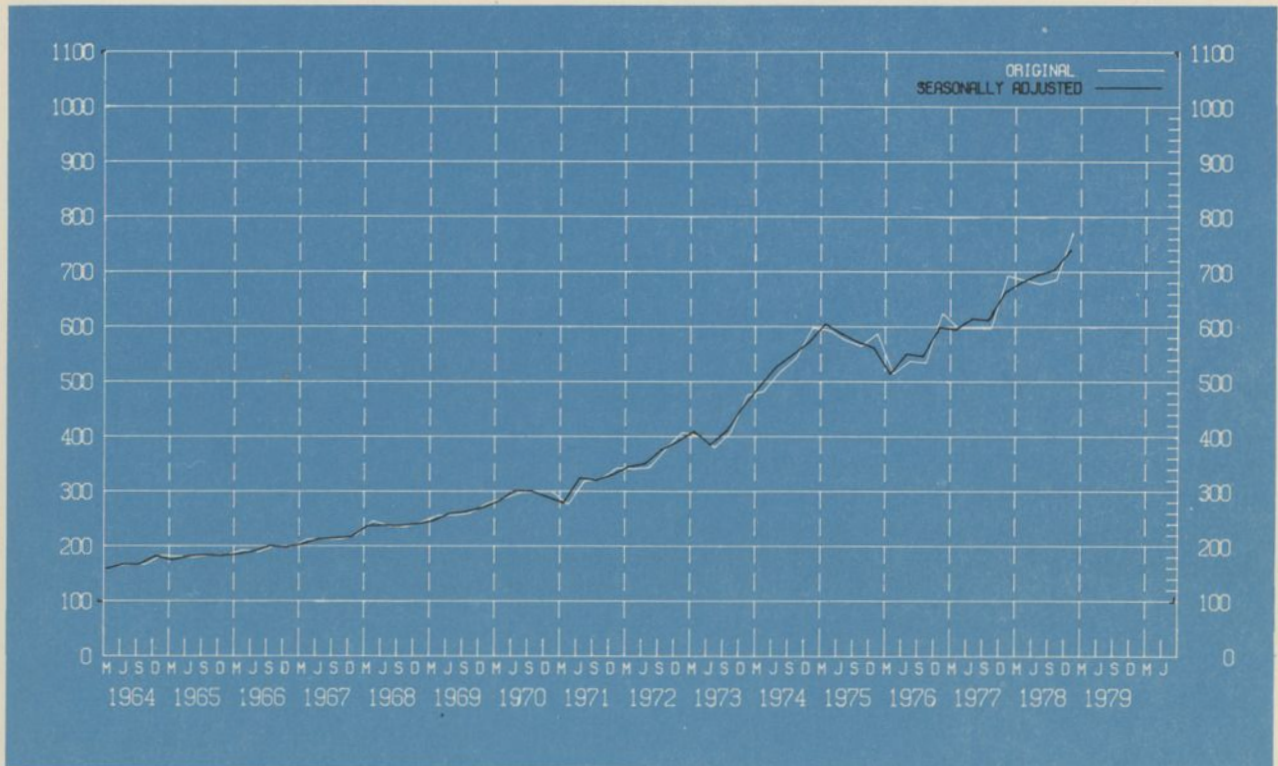
SEASONALLY ADJUSTED

1964	130	42	0	-37
1965	-51	-79	-103	-102
1966	-9	35	35	13
1967	-14	44	-19	-4
1968	-130	-78	-54	32
1969	44	12	102	77
1970	146	88	100	98
1971	80	157	170	119
1972	254	409	460	609
1973	672	450	450	378
1974	159	-73	-60	-4
1975	396	527	403	278
1976	372	437	576	245
1977	153	93	297	340
1978	115	142	-22	-208



BALANCE OF PAYMENTS - CURRENT ACCOUNT  
TOTAL INVISIBLE CREDITS

\$ MILLION



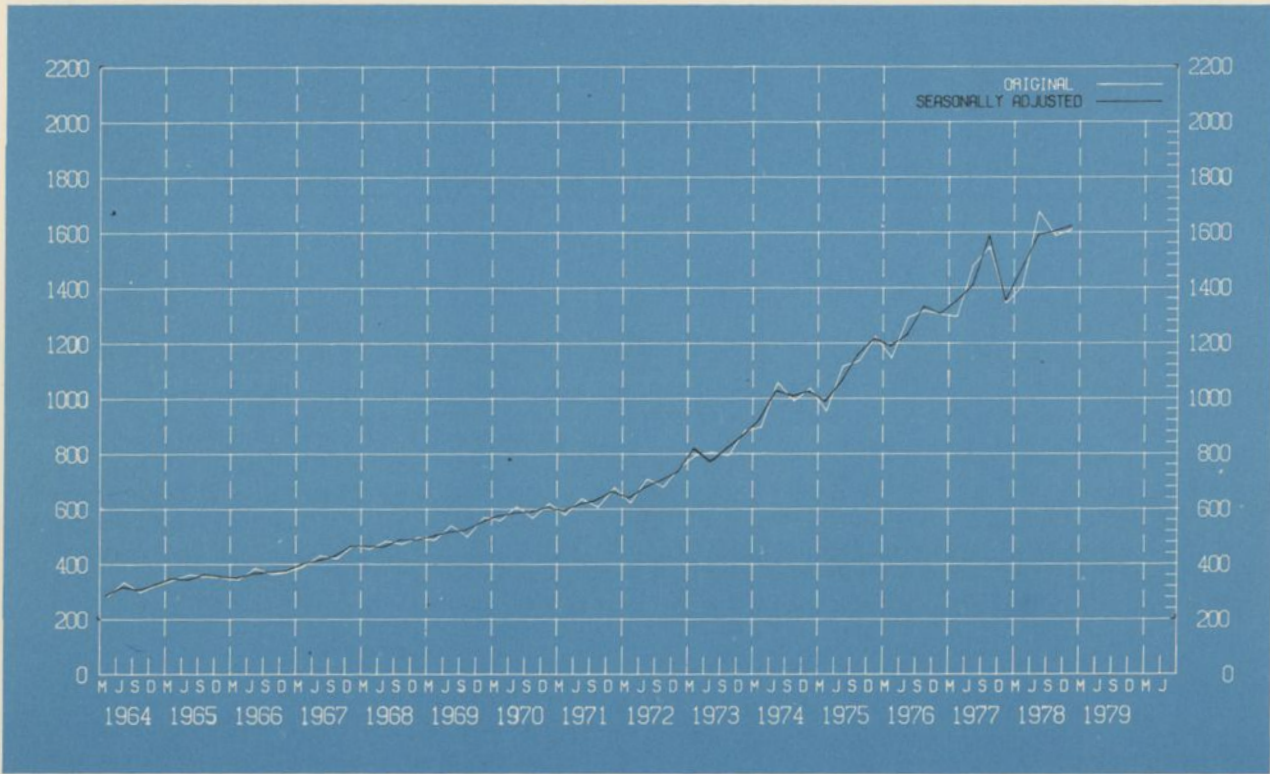
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	162	166	166	182
1965	181	179	183	183
1966	192	189	200	197
1967	212	212	212	220
1968	245	236	234	243
1969	255	256	260	277
1970	286	297	299	299
1971	275	318	321	342
1972	340	343	377	407
1973	401	379	408	475
1974	482	517	542	597
1975	593	575	564	587
1976	514	537	534	624
1977	597	597	596	692
1978	684	677	685	770

SEASONALLY ADJUSTED

1964	160	168	167	183
1965	176	182	185	183
1966	186	191	202	199
1967	205	214	216	219
1968	238	239	238	241
1969	247	260	263	271
1970	282	302	300	290
1971	279	324	320	331
1972	345	351	376	391
1973	409	385	410	455
1974	491	526	548	571
1975	604	586	572	561
1976	514	550	546	599
1977	594	614	611	662
1978	680	694	703	738



BALANCE OF PAYMENTS - CURRENT ACCOUNT  
TOTAL INVISIBLE DEBITS  
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	283	332	297	322
1965	341	360	354	350
1966	342	383	363	372
1967	391	430	417	465
1968	453	481	471	495
1969	485	538	497	568
1970	556	607	566	618
1971	578	636	606	677
1972	621	707	678	748
1973	794	803	793	882
1974	895	1056	989	1035
1975	951	1115	1135	1223
1976	1144	1292	1316	1304
1977	1294	1480	1548	1343
1978	1405	1674	1586	1609

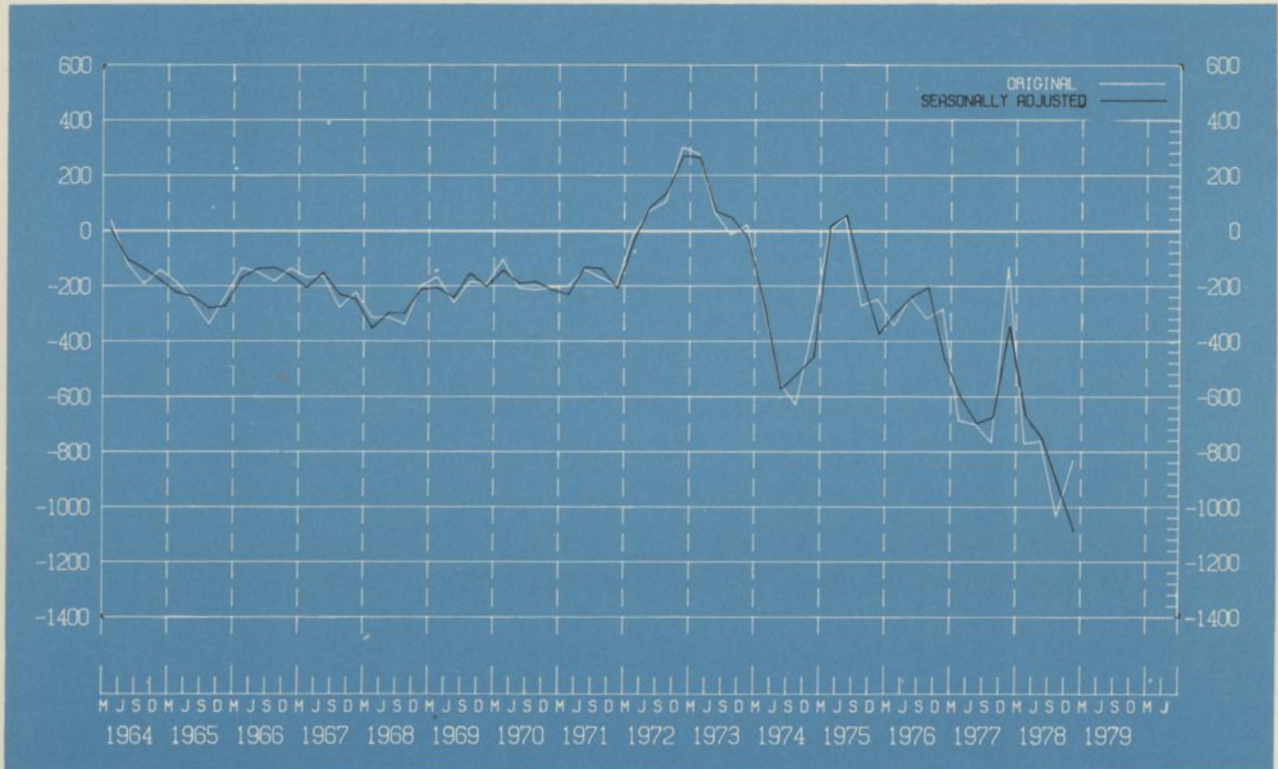
SEASONALLY ADJUSTED

1964	286	316	305	324
1965	347	342	362	354
1966	348	365	371	374
1967	399	412	428	464
1968	462	461	485	486
1969	498	515	520	550
1970	572	583	587	603
1971	591	615	629	661
1972	637	676	702	732
1973	817	768	818	864
1974	923	1026	1006	1024
1975	985	1060	1157	1214
1976	1186	1228	1329	1303
1977	1349	1407	1584	1350
1978	1466	1588	1600	1619



BALANCE OF PAYMENTS - CURRENT ACCOUNT  
BALANCE ON CURRENT ACCOUNT

\$ MILLION



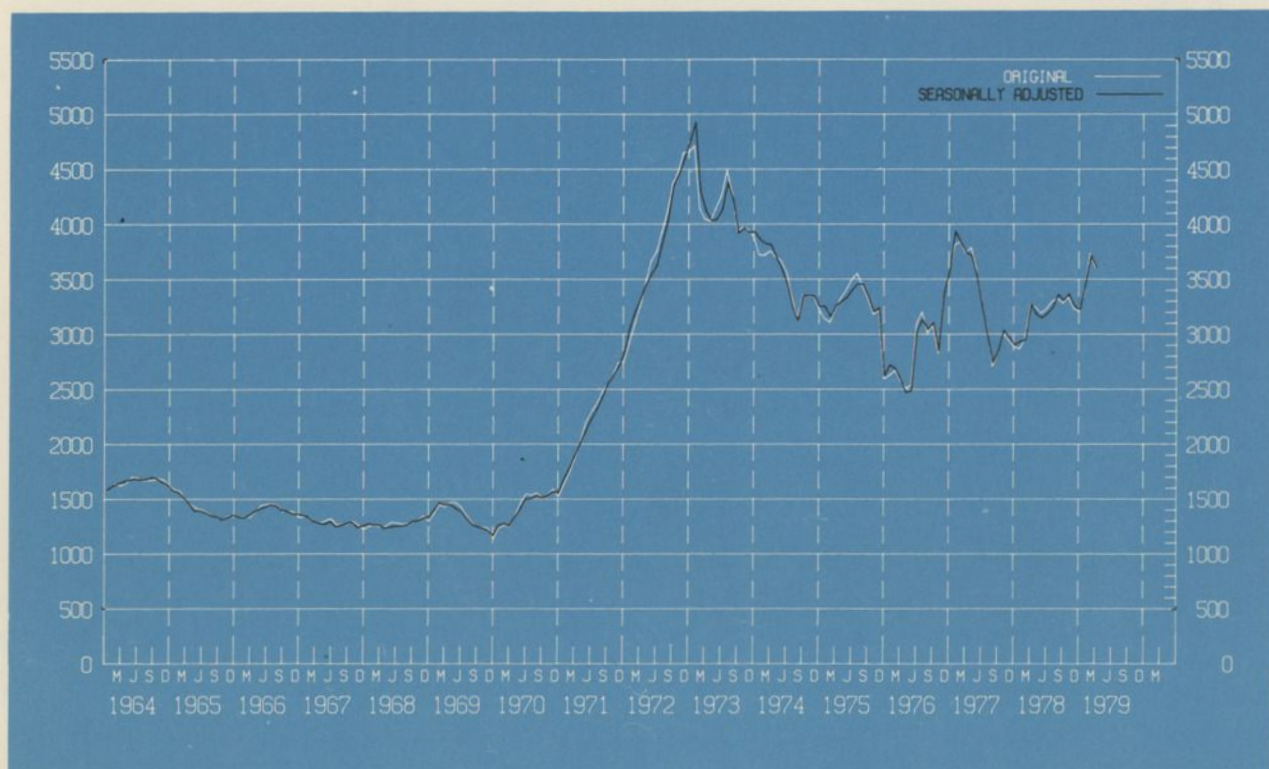
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	34	-122	-193	-144
1965	-186	-255	-338	-240
1966	-136	-152	-184	-138
1967	-170	-165	-278	-225
1968	-315	-314	-340	-199
1969	-169	-261	-185	-195
1970	-106	-209	-215	-207
1971	-202	-142	-170	-199
1972	-15	70	104	300
1973	275	64	-17	19
1974	-262	-550	-630	-359
1975	-4	48	-272	-248
1976	-343	-245	-319	-283
1977	-687	-701	-767	-131
1978	-770	-762	-1035	-834

SEASONALLY ADJUSTED

1964	4	-106	-138	-179
1965	-223	-239	-281	-272
1966	-170	-138	-135	-163
1967	-207	-153	-231	-249
1968	-354	-300	-300	-213
1969	-208	-243	-155	-203
1970	-144	-193	-187	-216
1971	-232	-134	-139	-211
1972	-39	84	134	268
1973	263	67	43	-32
1974	-274	-574	-519	-457
1975	15	53	-183	-375
1976	-300	-241	-207	-460
1977	-603	-699	-676	-348
1978	-672	-751	-919	-1089



INTERNATIONAL LIQUIDITY  
OFFICIAL RESERVE ASSETS  
(SOURCE OF ORIGINAL DATA - RESERVE BANK OF AUSTRALIA)  
\$ MILLION



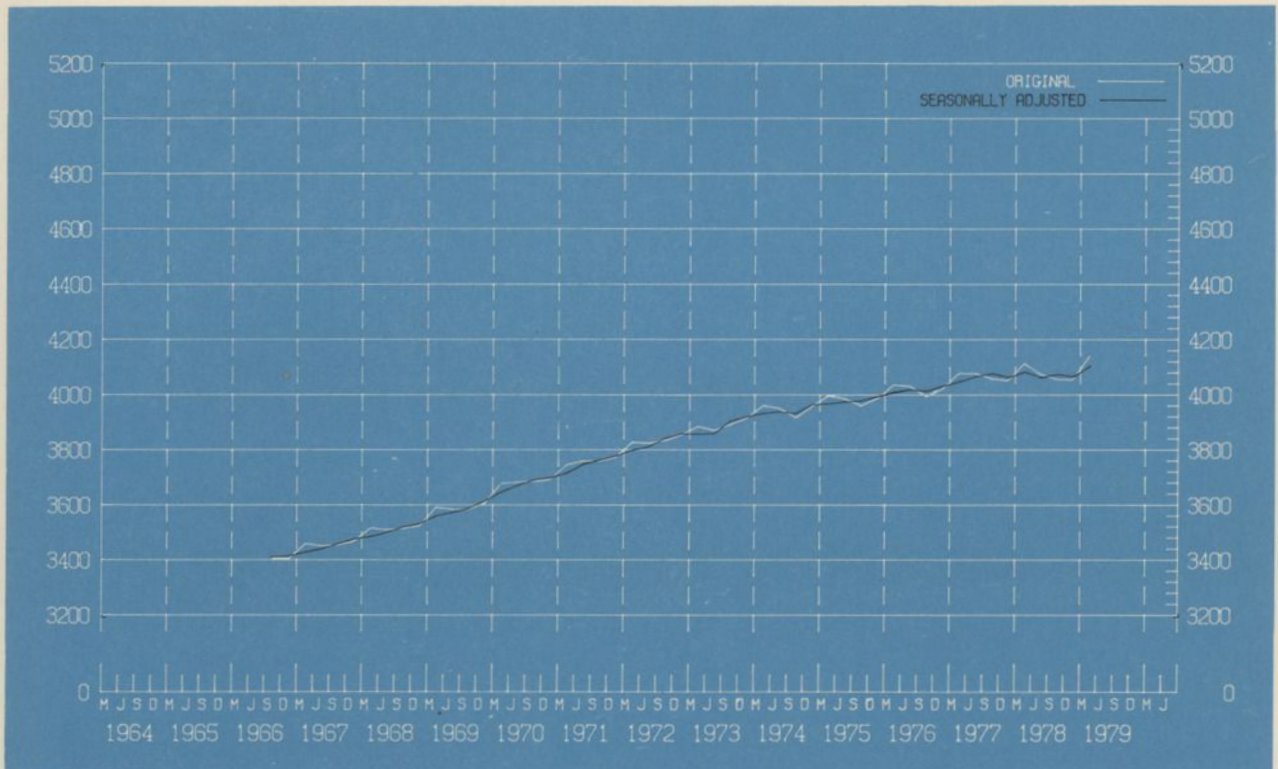
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	1603	1639	1625	1645	1702	1695	1673	1672	1674	1691	1674	1620
1965	1586	1573	1493	1452	1413	1403	1375	1348	1321	1315	1342	1333
1966	1335	1333	1333	1381	1439	1447	1452	1442	1380	1391	1377	1327
1967	1338	1333	1273	1276	1300	1315	1258	1268	1264	1291	1254	1218
1968	1250	1255	1243	1237	1280	1277	1266	1267	1277	1301	1338	1289
1969	1357	1442	1421	1459	1463	1420	1342	1277	1236	1230	1227	1126
1970	1223	1251	1232	1343	1449	1538	1526	1546	1504	1535	1583	1511
1971	1619	1726	1855	2011	2181	2280	2356	2459	2536	2626	2735	2743
1972	2911	3079	3241	3448	3655	3737	3921	4097	4359	4462	4645	4648
1973	4704	4136	4037	4021	4135	4248	4481	4264	3932	3966	3937	3871
1974	3709	3711	3750	3693	3662	3327	3317	3134	3348	3337	3338	3217
1975	3133	3101	3220	3317	3392	3493	3545	3429	3318	3172	3211	2588
1976	2619	2663	2571	2503	2525	3086	3196	3005	3071	2818	3340	3550
1977	3809	3831	3731	3780	3591	3312	3053	2701	2820	3000	2938	2879
1978	2861	2948	3262	3229	3182	3225	3293	3315	3274	3328	3226	3200
1979	3377	3723	3600									

[illegible]



## CIVILIAN LABOUR FORCE - MALES

'000



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1966			3404.6	3405.4
1967	3457.8	3450.3	3452.5	3468.2
1968	3514.9	3509.1	3514.0	3523.2
1969	3589.7	3582.5	3580.8	3606.2
1970	3675.6	3680.7	3684.4	3691.2
1971	3743.7	3757.8	3756.5	3771.6
1972	3826.1	3821.5	3832.5	3853.0
1973	3883.2	3867.8	3891.0	3914.1
1974	3958.5	3948.1	3914.9	3957.2
1975	3995.4A	3983.8	3959.4	3985.5
1976	4035.0	4028.6	3992.9	4021.2
1977	4076.2	4076.2	4056.9	4050.4
1978	4112.4B	4072.6	4053.8	4052.4
1979	4135.4			

## SEASONALLY ADJUSTED

1966			3416.4	3420.2
1967	3434.0	3447.4	3464.3	3483.2
1968	3491.2	3505.8	3525.9	3538.2
1969	3566.3	3579.0	3592.6	3620.8
1970	3652.8	3676.9	3696.6	3704.9
1971	3721.6	3754.1	3769.4	3783.8
1972	3804.6	3817.4	3847.3	3863.7
1973	3861.5	3863.0	3908.4	3923.6
1974	3936.0	3942.1	3934.7	3966.9
1975	3971.3A	3976.8	3981.0	3996.3
1976	4009.5	4020.6	4015.1	4034.0
1977	4049.0	4067.7	4079.2	4064.6
1978	4084.5B	4063.9	4075.8	4067.5
1979	4107.1			

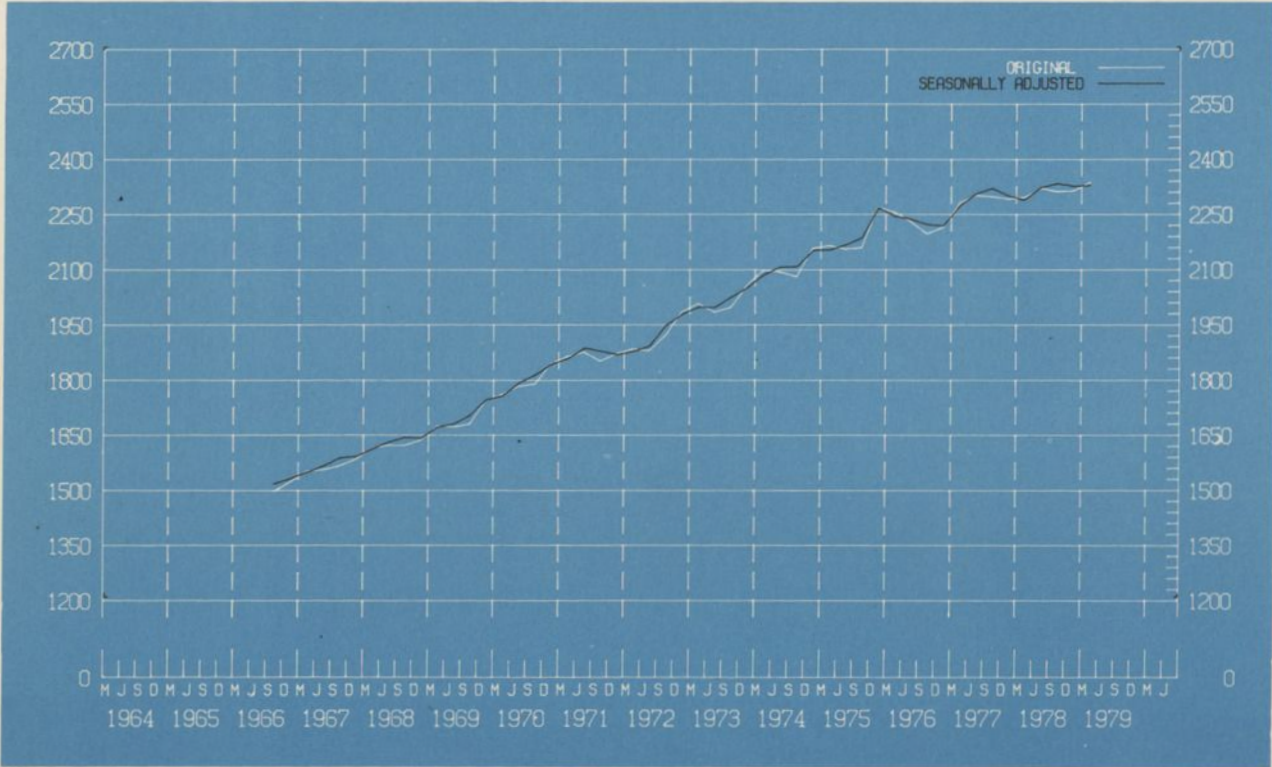
(A) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.

(B) CHANGE IN SURVEY TIMING - SEE EXPLANATORY NOTES.



CIVILIAN LABOUR FORCE - FEMALES

'000



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1966			1497.9	1524.0
1967	1552.3	1556.6	1567.3	1585.3
1968	1615.1	1623.8	1622.8	1637.5
1969	1675.4	1673.3	1681.1	1745.9
1970	1761.6	1783.9	1789.3	1845.4
1971	1864.6	1876.4	1851.9	1873.1
1972	1884.8	1880.4	1921.4	1986.2
1973	2008.0	1984.3	1997.8	2058.9
1974	2099.2	2093.8	2081.2	2158.2
1975	2165.6A	2156.1	2160.3	2269.4
1976	2255.9	2229.6	2197.6	2215.3
1977	2281.3	2301.8	2297.8	2291.9
1978	2296.9B	2321.4	2311.5	2314.6
1979	2337.5			

SEASONALLY ADJUSTED

1966			1509.2	1523.6
1967	1540.8	1556.7	1579.9	1583.7
1968	1603.9	1623.7	1636.8	1634.1
1969	1664.5	1673.6	1696.6	1740.2
1970	1750.0	1785.9	1806.8	1836.9
1971	1851.8	1880.6	1871.3	1861.9
1972	1870.9	1886.6	1942.4	1973.0
1973	1992.1	1992.1	2019.6	2046.0
1974	2081.5	2101.8	2102.9	2147.4
1975	2148.0A	2161.3	2181.2	2262.3
1976	2239.2	2230.8	2216.4	2213.2
1977	2266.0	2299.2	2314.8	2294.3
1978	2281.9B	2317.0	2327.1	2320.3
1979	2322.4			

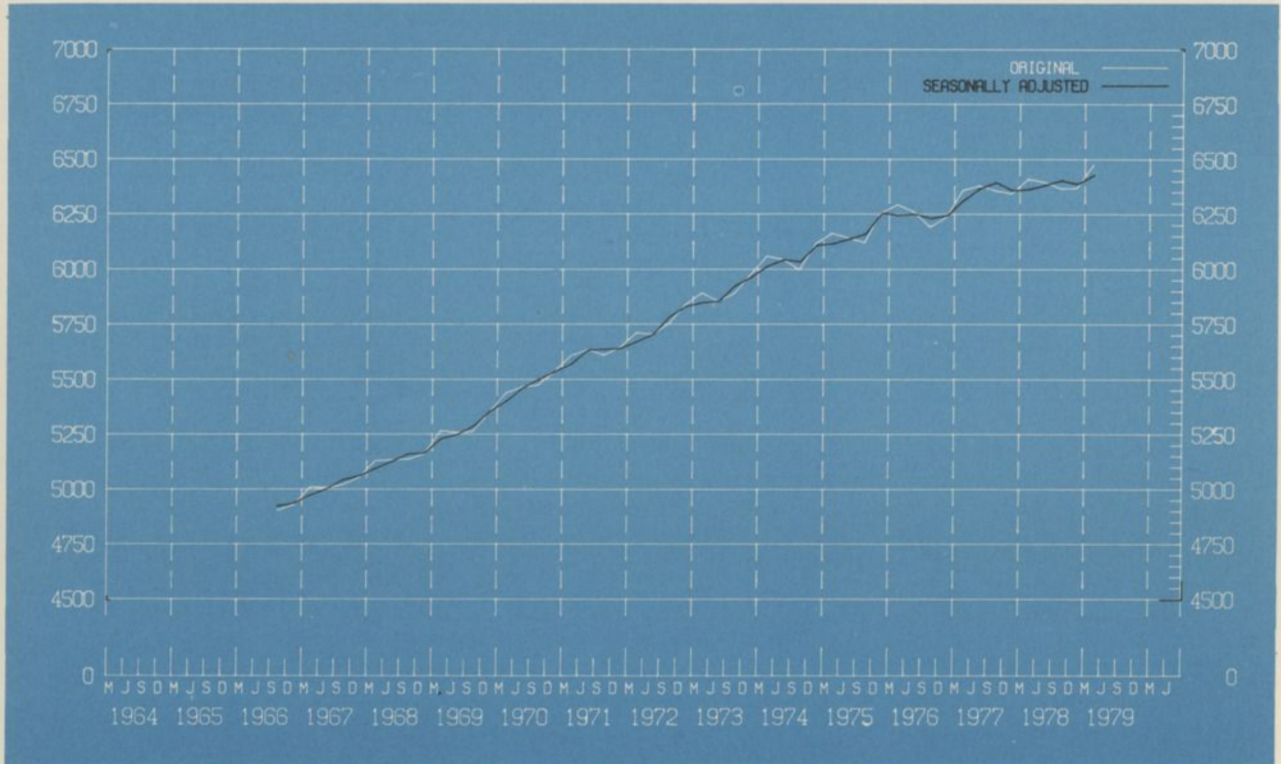
(A) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.

(B) CHANGE IN SURVEY TIMING - SEE EXPLANATORY NOTES.



## CIVILIAN LABOUR FORCE - PERSONS

'000



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1966			4902.5	4929.4
1967	5010.0	5006.8	5019.8	5053.5
1968	5130.0	5132.9	5136.8	5160.7
1969	5265.1	5255.8	5261.9	5352.1
1970	5437.2	5464.6	5473.8	5536.6
1971	5608.3	5634.3	5608.4	5644.7
1972	5710.9	5701.9	5753.9	5839.2
1973	5891.2	5852.1	5888.7	5973.1
1974	6057.6	6041.9	5996.1	6115.5
1975	6160.9A	6139.8	6119.7	6254.9
1976	6290.9	6258.2	6190.5	6236.5
1977	6357.5	6378.0	6354.7	6342.2
1978	6409.3B	6394.0	6365.3	6367.0
1979	6472.9			

## SEASONALLY ADJUSTED

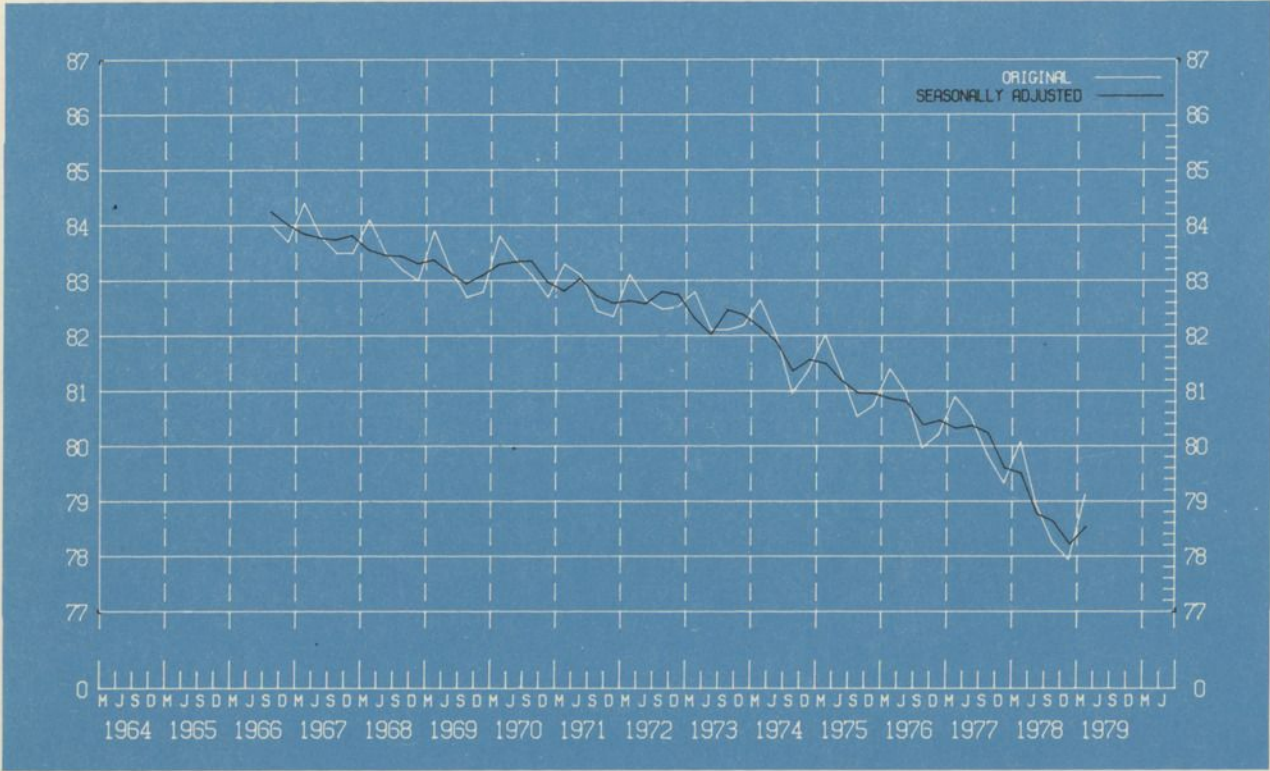
1966			4926.3	4939.9
1967	4976.7	5005.1	5044.9	5063.2
1968	5097.1	5130.5	5163.3	5168.9
1969	5232.6	5253.6	5289.8	5357.9
1970	5404.2	5464.2	5503.5	5539.4
1971	5574.1	5636.8	5640.1	5643.9
1972	5675.1	5706.9	5788.9	5835.2
1973	5853.0	5858.0	5927.5	5967.9
1974	6017.0	6046.4	6037.5	6112.7
1975	6118.8A	6139.9	6162.3	6257.8
1976	6247.5	6252.8	6232.4	6246.4
1977	6313.4	6368.1	6395.2	6358.7
1978	6364.2B	6382.0	6404.0	6388.1
1979	6427.1			

(A) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.

(B) CHANGE IN SURVEY TIMING - SEE EXPLANATORY NOTES.



CIVILIAN LABOUR FORCE PARTICIPATION RATES - MALES  
PER CENT



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966			84.0	83.7
1967	84.4	83.8	83.5	83.5
1968	84.1	83.5	83.2	83.0
1969	83.9	83.2	82.7	82.8
1970	83.8	83.4	83.1	82.7
1971	83.3	83.1	82.5	82.4
1972	83.1	82.7	82.5	82.5
1973	82.8	82.1	82.1	82.2
1974	82.6	82.0	81.0	81.4
1975	82.0A	81.3	80.5	80.7
1976	81.4	81.0	80.0	80.2
1977	80.9	80.5	79.8	79.3
1978	80.1B	78.9	78.3	77.9
1979	79.1			

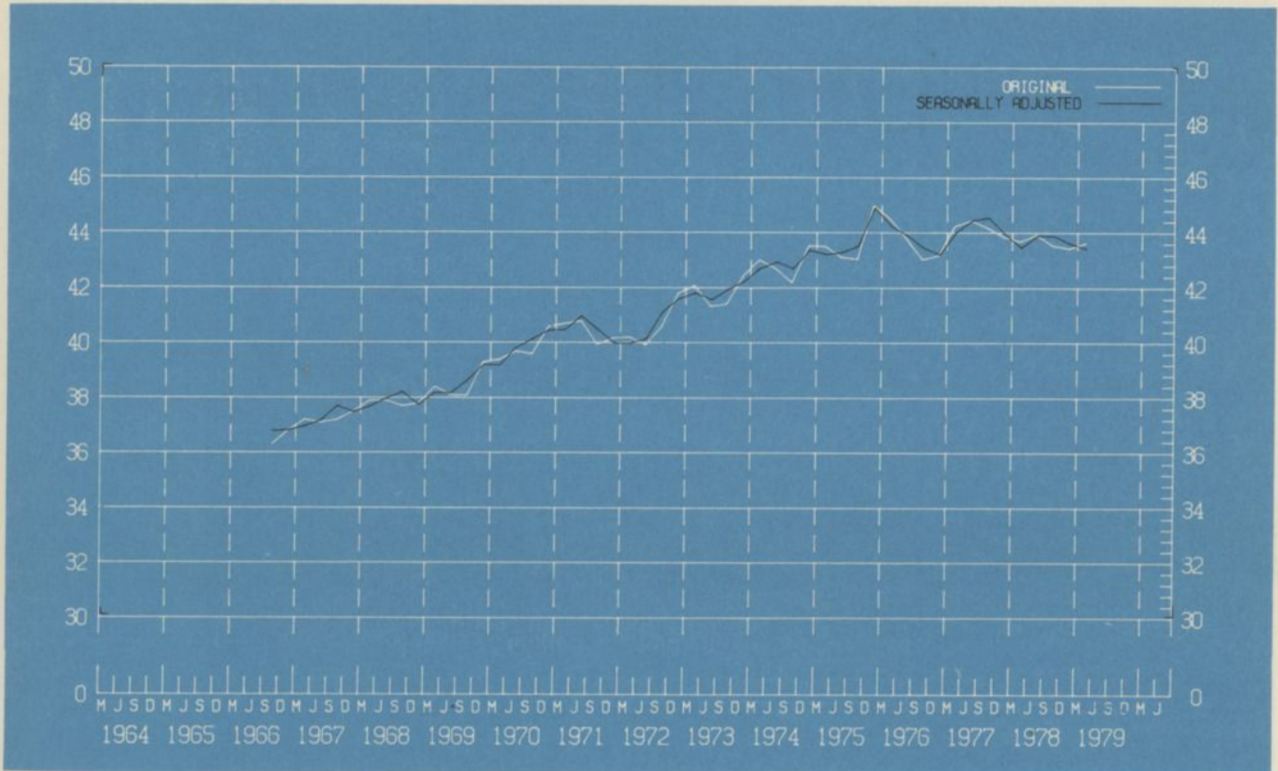
SEASONALLY ADJUSTED

1966			84.2	84.0
1967	83.9	83.8	83.7	83.8
1968	83.6	83.5	83.5	83.3
1969	83.4	83.2	82.9	83.1
1970	83.3	83.3	83.4	83.0
1971	82.8	83.0	82.7	82.6
1972	82.6	82.6	82.8	82.7
1973	82.3	82.0	82.5	82.4
1974	82.2	81.9	81.4	81.6
1975	81.5A	81.2	81.0	81.0
1976	80.9	80.8	80.4	80.5
1977	80.3	80.4	80.2	79.6
1978	79.5B	78.8	78.7	78.2
1979	78.6			

(A) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.  
(B) CHANGE IN SURVEY TIMING - SEE EXPLANATORY NOTES.



CIVILIAN LABOUR FORCE PARTICIPATION RATES - FEMALES  
PER CENT



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1966			36.3	36.8
1967	37.2	37.1	37.2	37.5
1968	37.9	37.9	37.7	37.8
1969	38.4	38.1	38.1	39.3
1970	39.4	39.7	39.6	40.6
1971	40.7	40.8	40.0	40.2
1972	40.2	39.9	40.6	41.8
1973	42.1	41.3	41.4	42.4
1974	43.0	42.7	42.2	43.5
1975	43.5A	43.1	43.0	45.0
1976	44.5	43.8	43.0	43.2
1977	44.3	44.4	44.2	43.8
1978	43.7B	43.9	43.5	43.4
1979	43.6			

## SEASONALLY ADJUSTED

1966			36.7	36.7
1967	36.9	37.1	37.6	37.4
1968	37.6	37.9	38.1	37.7
1969	38.1	38.1	38.5	39.1
1970	39.1	39.7	40.1	40.4
1971	40.4	40.9	40.4	39.9
1972	39.9	40.1	41.1	41.5
1973	41.7	41.5	41.9	42.2
1974	42.6	42.9	42.6	43.3
1975	43.1A	43.2	43.4	44.8
1976	44.2	43.8	43.4	43.1
1977	44.0	44.4	44.5	43.9
1978	43.4B	43.8	43.8	43.5
1979	43.4			

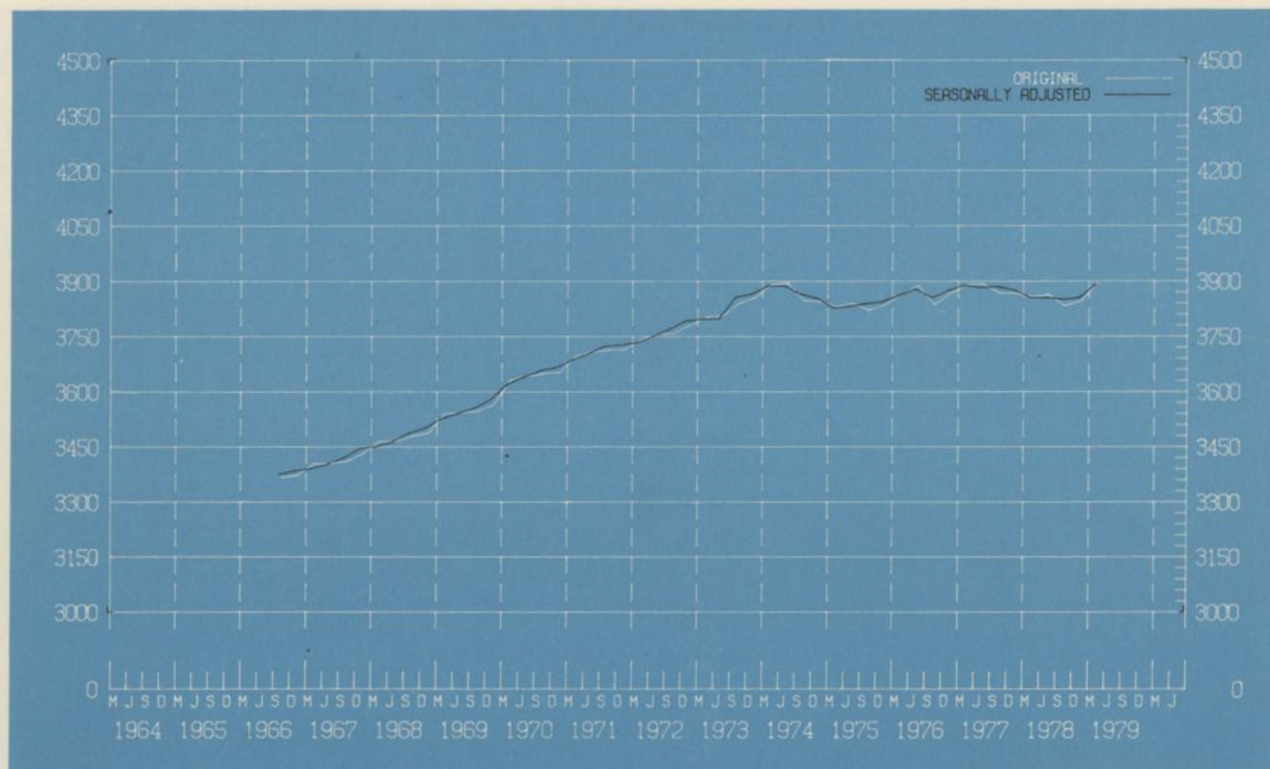
(A) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.

(B) CHANGE IN SURVEY TIMING - SEE EXPLANATORY NOTES.



## EMPLOYED MALES

'000



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1966			3365.6	3373.1
1967	3403.7	3404.1	3410.0	3432.3
1968	3464.6	3465.3	3478.2	3487.8
1969	3540.4	3542.4	3546.7	3562.9
1970	3631.5	3641.8	3647.7	3651.5
1971	3695.7	3707.2	3712.7	3713.7
1972	3740.2	3756.4	3757.7	3780.2
1973	3801.5	3804.6	3839.6	3854.9
1974	3890.1	3894.2	3847.1	3843.7
1975	3829.4A	3839.4	3820.6	3835.3
1976	3863.3	3886.9	3836.3	3866.0
1977	3890.2	3891.5	3866.8	3867.3
1978	3857.4B	3863.5	3832.3	3846.1
1979	3893.6			

## SEASONALLY ADJUSTED

1966			3373.5	3383.5
1967	3388.3	3401.3	3417.7	3443.2
1968	3449.1	3462.2	3485.3	3499.5
1969	3525.3	3538.7	3553.3	3574.9
1970	3617.4	3637.0	3654.4	3663.2
1971	3683.2	3700.8	3720.4	3723.7
1972	3730.1	3748.2	3767.0	3788.2
1973	3793.4	3794.5	3850.9	3861.2
1974	3883.1	3882.7	3859.8	3849.1
1975	3823.0A	3827.2	3834.5	3839.9
1976	3857.2	3874.2	3850.6	3870.5
1977	3884.2	3878.5	3881.4	3871.6
1978	3851.5B	3850.7	3846.6	3850.5
1979	3887.6			

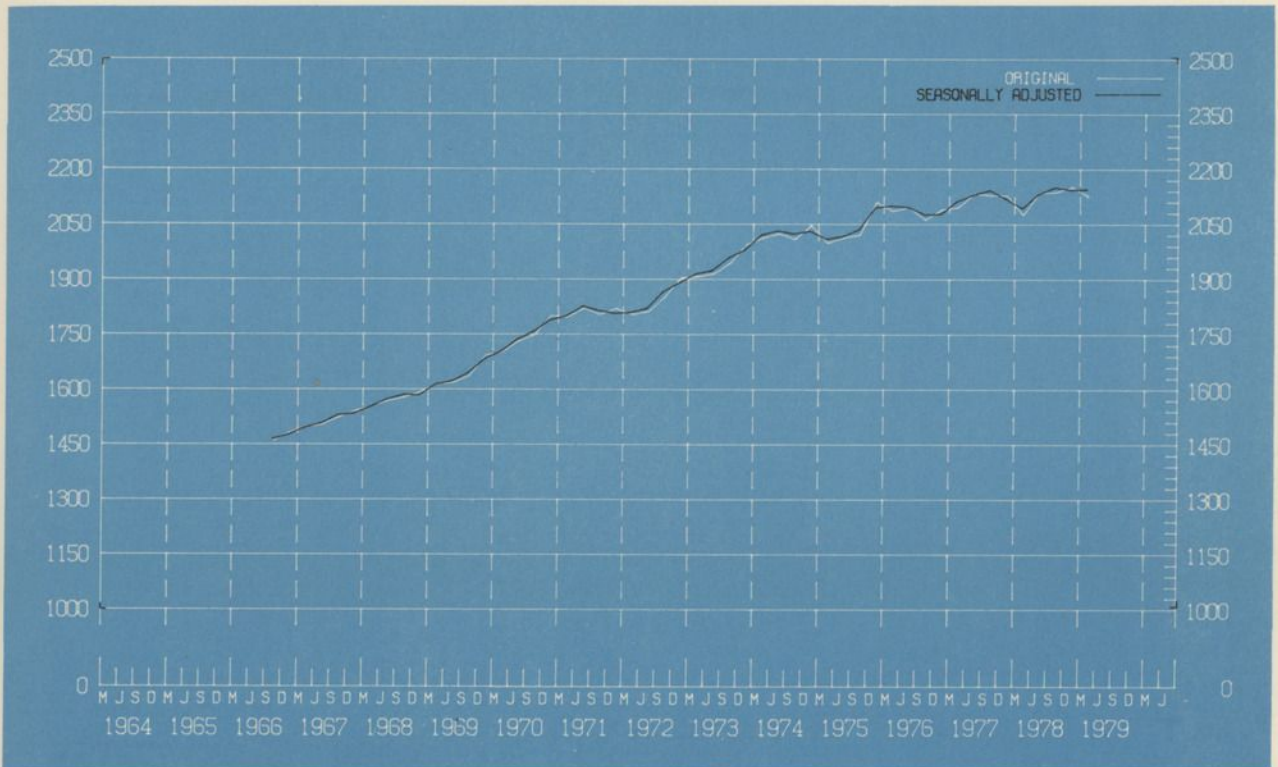
(A) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.

(B) CHANGE IN SURVEY TIMING - SEE EXPLANATORY NOTES.



## EMPLOYED FEMALES

'000



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1966			1458.2	1480.6
1967	1497.6	1502.4	1523.0	1538.9
1968	1553.3	1567.3	1577.5	1591.0
1969	1612.5	1617.5	1636.2	1691.7
1970	1700.2	1729.9	1747.8	1799.4
1971	1795.8	1819.4	1803.0	1819.1
1972	1803.3	1811.3	1852.1	1904.1
1973	1906.8	1915.0	1943.3	1994.4
1974	2012.0	2023.8	2008.1	2045.8
1975	1998.4A	2012.3	2020.8	2109.5
1976	2085.5	2095.5	2061.5	2089.0
1977	2095.1	2132.7	2128.6	2128.2
1978	2074.8B	2135.3	2137.2	2151.2
1979	2125.4			

## SEASONALLY ADJUSTED

1966			1462.4	1475.4
1967	1494.9	1506.0	1528.0	1532.4
1968	1551.5	1570.5	1583.4	1582.6
1969	1612.0	1620.5	1643.1	1680.8
1970	1701.0	1733.4	1755.6	1785.9
1971	1797.5	1823.8	1811.6	1803.5
1972	1805.8	1816.0	1861.6	1886.3
1973	1910.2	1919.6	1953.8	1975.4
1974	2016.5	2027.3	2019.1	2026.8
1975	2005.0A	2012.6	2031.5	2091.1
1976	2095.4	2092.0	2071.5	2072.6
1977	2107.8	2125.9	2137.5	2113.8
1978	2088.3B	2127.1	2145.2	2138.6
1979	2139.8			

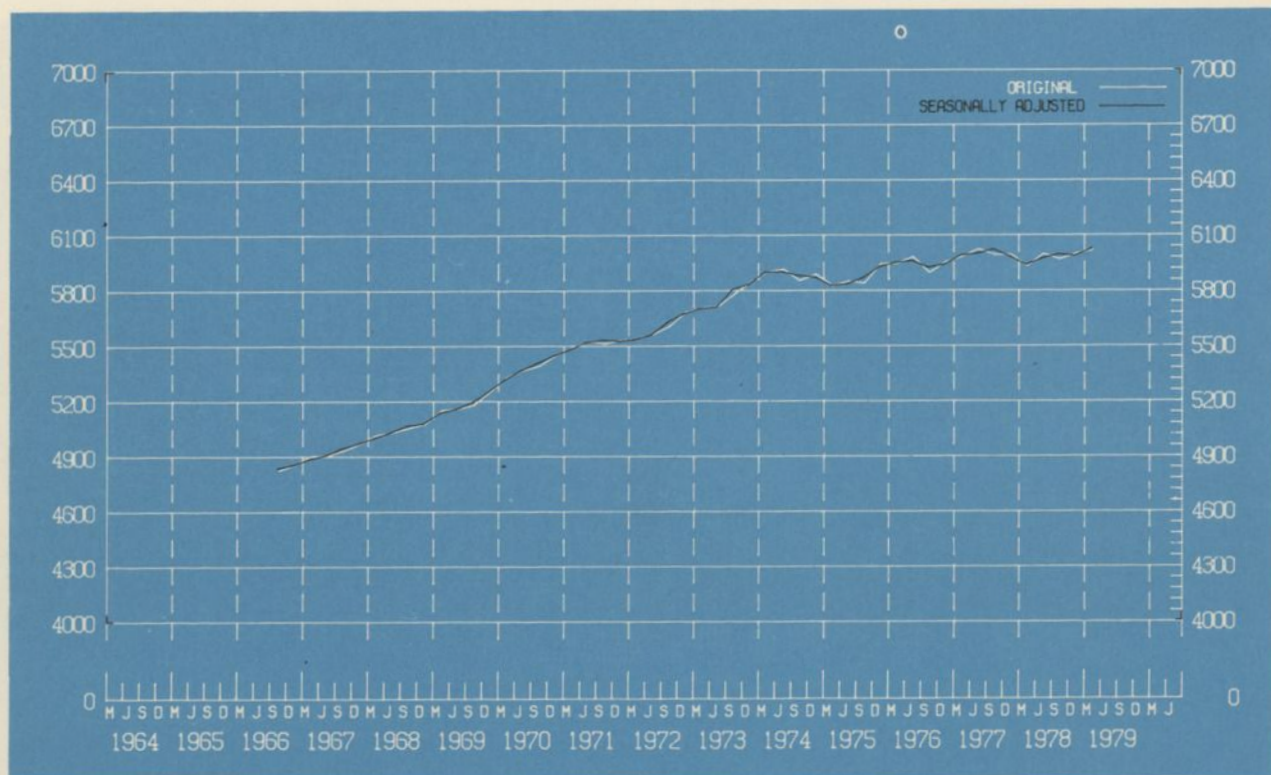
(A) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.

(B) CHANGE IN SURVEY TIMING - SEE EXPLANATORY NOTES.



## EMPLOYED PERSONS

' 000



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1966			4823.9	4853.7
1967	4901.3	4906.5	4933.0	4971.2
1968	5017.9	5032.6	5055.6	5078.8
1969	5152.9	5159.9	5183.0	5254.6
1970	5331.7	5371.7	5395.6	5450.9
1971	5491.5	5526.6	5515.7	5532.8
1972	5543.5	5567.7	5609.9	5684.3
1973	5708.3	5719.6	5783.0	5849.3
1974	5902.0	5917.9	5855.2	5889.5
1975	5827.8A	5851.6	5841.3	5944.8
1976	5948.8	5982.3	5897.8	5955.0
1977	5985.2	6024.2	5995.4	5995.4
1978	5932.3B	5998.7	5969.6	5997.3
1979	6018.9			

## SEASONALLY ADJUSTED

1966			4836.1	4855.3
1967	4886.3	4907.5	4945.7	4972.4
1968	5003.3	5033.0	5068.6	5079.9
1969	5139.6	5159.2	5196.5	5253.9
1970	5320.6	5369.6	5410.2	5448.4
1971	5482.3	5523.0	5532.6	5527.1
1972	5536.9	5562.0	5630.0	5675.0
1973	5704.0	5711.0	5807.6	5836.5
1974	5900.2	5905.7	5882.9	5875.3
1975	5828.5A	5835.7	5870.4	5930.4
1976	5952.4	5962.6	5926.7	5941.9
1977	5991.5	6001.4	6023.5	5984.2
1978	5939.7B	5974.5	5996.6	5988.0
1979	6027.0			

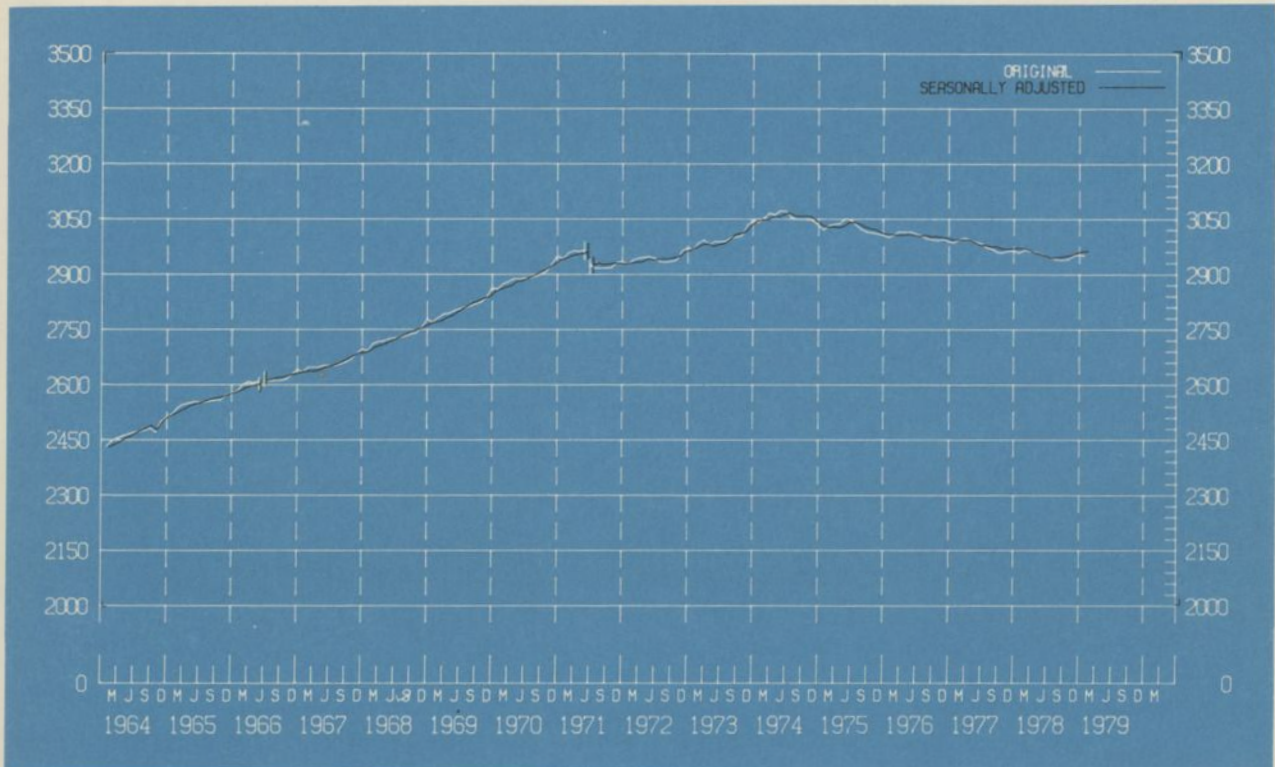
(A) THIS FIGURE EXCLUDES DARWIN AS THE POPULATION SURVEY WAS NOT CONDUCTED THERE IN FEBRUARY 1975.

(B) CHANGE IN SURVEY TIMING - SEE EXPLANATORY NOTES.



## CIVILIAN EMPLOYEES - MALES

'000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	2431.2	2447.1	2454.5	2460.4	2465.0	2469.3	2472.5	2475.6	2481.7	2469.4A	2498.7	2510.8
1965	2519.4	2536.8	2545.4	2549.2	2553.1	2553.1	2551.8	2555.2	2557.1	2558.0	2571.9	2575.6
1966	2581.1	2599.7	2606.8	2604.7	2607.9	2612.2B	2609.8	2611.1	2610.9	2614.4	2626.6	2640.7
1967	2633.5	2646.3	2647.0	2647.5	2652.1	2650.6	2650.5	2655.8	2660.8	2668.1	2683.5	2696.3
1968	2689.6	2710.6	2715.4	2717.3	2722.9	2725.3	2727.4	2731.6	2736.4	2739.7	2756.1	2775.2
1969	2768.1	2780.5	2789.4	2792.8	2799.7	2804.9	2808.3	2812.9	2818.0	2823.6	2835.9A	2862.1
1970	2856.9	2872.4	2878.0	2885.6A	2885.6A	2887.6	2889.0	2893.2A	2899.6A	2906.6	2925.9A	2948.3
1971	2939.7	2956.2	2961.6	2960.3A	2963.2	2924.7C	2914.0	2914.4	2914.6	2916.0	2930.3	2931.9
1972	2924.5	2936.7	2941.5	2943.4	2944.9	2940.6	2931.4	2931.1	2932.8	2936.8	2962.4	2968.7
1973	2965.3	2983.1	2990.5	2978.7D	2987.3D	2985.2A	2987.0	2997.3	2997.8	3003.2	3031.1	3042.7
1974	3037.4	3049.9	3062.7	3058.4	3069.3	3068.2	3051.5A	3046.5A	3044.8	3044.1	3041.9	3029.4
1975	3015.9	3028.6	3031.8	3032.9A	3047.3	3043.5A	3029.8A	3016.8	3010.6	3008.1	3005.1	3002.3
1976	2995.1	3004.2	3011.2	3010.2	3011.0	3006.1	3000.4	2992.5	2990.3	2987.6	2990.5A	2985.1
1977	2981.5	2991.2	2994.7	2987.7	2983.2	2979.2	2968.9	2964.5	2955.3A	2954.4A	2959.6	2960.3
1978	2954.5	2962.6	2959.6	2956.0	2951.9	2943.8A	2939.6A	2935.7	2934.9	2936.6A	2946.9A	2950.4
1979	2947.1											

## SEASONALLY ADJUSTED

1964	2431.7	2438.0	2444.3	2454.8	2460.2	2468.6	2477.1	2482.3	2489.4	2477.5A	2499.4	2513.4
1965	2520.4	2527.1	2535.0	2543.0	2548.1	2552.2	2556.4	2561.9	2565.1	2567.1	2572.9	2577.7
1966	2582.1	2589.8	2596.6	2598.2	2602.7	2612.3B	2615.3	2618.6	2620.2	2624.9	2628.6	2631.7
1967	2635.4	2637.2	2637.8	2642.0	2647.8	2650.8	2656.0	2663.3	2670.4	2678.9	2685.5	2686.2
1968	2691.3	2701.7	2706.3	2711.7	2718.8	2725.6	2732.9	2739.7	2746.2	2750.5	2757.8	2764.4
1969	2769.6	2771.6	2780.5	2786.9	2795.7	2805.3	2813.7	2821.8	2828.1	2834.8	2837.4A	2850.9
1970	2858.5	2863.7	2868.7	2879.1A	2881.5A	2888.0	2894.1	2902.4A	2909.7A	2918.4	2927.3A	2937.2
1971	2941.7	2948.0	2952.0	2953.4A	2958.6	2923.4C	2927.7	2923.0	2926.1	2927.6	2927.5	2925.7
1972	2928.5	2930.0	2931.3	2938.9	2936.8	2937.9	2938.8	2939.4	2943.8	2947.8	2960.0	2964.4
1973	2970.6	2977.4	2980.6	2973.8D	2978.3D	2980.9A	2990.7	3005.3	3008.0	3013.3	3029.0	3040.8
1974	3044.4	3045.2	3053.0	3053.1	3059.5	3062.4	3054.3A	3053.4A	3054.3	3053.3	3041.7	3029.8
1975	3023.8	3025.0	3022.8	3026.8A	3037.1	3036.7A	3031.4A	3022.7	3019.3	3016.4	3006.4	3004.5
1976	3003.5	3001.1	3002.9	3003.5	3001.1	2999.0	3000.9	2997.5	2998.1	2995.3	2993.0A	2988.5
1977	2990.0	2988.3	2987.0	2980.1	2973.6	2972.4	2968.5	2969.0	2962.8A	2962.0A	2962.7	2964.4
1978	2963.0	2959.7	2952.1	2948.2	2942.5	2937.3A	2938.6A	2939.5	2942.3	2944.5A	2950.2A	2954.7
1979	2955.6											

(A) AFFECTED BY INDUSTRIAL DISPUTE.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS - SEE EXPLANATORY NOTES.

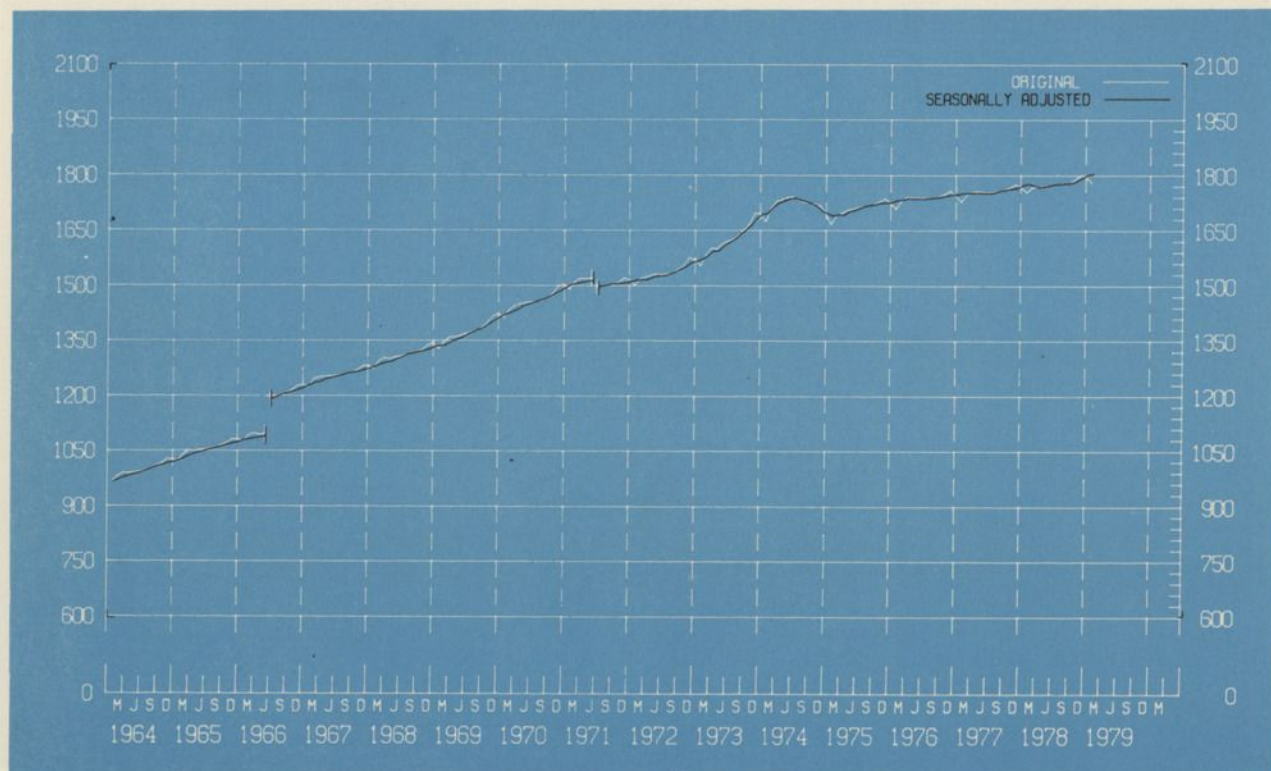
(C) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS AND NEW INDUSTRY CLASSIFICATION - SEE EXPLANATORY NOTES.

(D) INFLUENCED BY UNUSUAL HOLIDAY PERIOD BETWEEN EASTER AND ANZAC DAY - SEE EXPLANATORY NOTES. THIS FIGURE IS ALSO AFFECTED BY INDUSTRIAL DISPUTE.



## CIVILIAN EMPLOYEES - FEMALES

'000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	965.8	979.5	988.2	986.9	989.2	991.4	995.4	999.2	1007.9	1013.6	1025.2	1024.0
1965	1020.2	1037.5	1047.5	1047.0	1049.0	1051.0	1053.4	1056.6	1062.2	1068.9	1079.5	1076.9
1966	1074.9	1088.2	1095.0	1091.4	1092.9	1191.3A	1193.9	1199.9	1205.5	1212.6	1224.1	1226.9
1967	1220.6	1241.9	1247.7	1249.6	1250.7	1251.7	1252.7	1256.6	1260.7	1266.6	1277.5	1279.8
1968	1270.0	1291.8	1299.5	1297.6	1301.7	1304.5	1308.1	1310.6	1316.8	1322.8	1335.1	1340.2
1969	1324.5	1344.2	1357.0	1357.6	1361.3	1366.8	1370.1	1376.1	1384.2	1397.0	1414.1	1420.8
1970	1409.9	1432.8	1442.9	1447.9	1451.0	1452.8	1454.8	1457.2	1467.3	1477.0	1495.4	1501.3
1971	1487.6	1508.9	1517.4	1515.6	1517.4	1497.5B	1495.6	1497.3	1501.4	1505.9	1516.9	1513.5
1972	1496.7	1516.6	1521.2	1525.9	1528.7	1527.3	1528.2	1531.5	1540.9	1551.7	1572.3	1567.1
1973	1550.0	1578.7	1598.4	1595.9C	1611.1C	1617.7	1623.5	1634.1	1646.7	1664.3	1693.4	1692.4
1974	1670.6	1707.8	1726.8	1731.4	1737.5	1738.3	1729.4D	1722.7	1721.1	1718.0	1712.7	1691.6
1975	1662.8	1686.6	1693.0	1702.0	1704.8	1709.2	1712.6	1712.7	1718.0	1725.4	1733.0	1720.2
1976	1703.9	1725.4	1737.0	1735.8	1735.1	1733.0	1733.6	1732.9	1737.7	1744.6	1753.0	1737.8
1977	1722.5	1741.1	1749.7	1750.9	1749.3	1748.8	1748.8	1752.5	1756.8D	1762.5	1770.1	1763.5
1978	1748.0	1761.9	1764.3	1767.1	1768.0	1769.6	1772.3D	1772.0	1774.5	1783.3	1795.7	1792.0
1979	1774.3											
SEASONALLY ADJUSTED												
1964	970.1	975.0	980.8	985.5	990.2	994.8	999.9	1003.9	1010.7	1013.8	1018.9	1022.6
1965	1025.8	1032.9	1039.8	1045.2	1049.5	1053.8	1057.7	1061.1	1065.0	1069.4	1073.3	1075.9
1966	1081.9	1083.5	1087.2	1089.0	1092.9	1194.0A	1198.5	1205.0	1209.0	1213.6	1217.7	1222.9
1967	1229.8	1237.1	1239.3	1246.9	1250.6	1253.8	1257.3	1261.9	1264.4	1267.8	1271.1	1275.2
1968	1280.3	1287.2	1291.2	1294.4	1301.1	1306.4	1312.9	1316.3	1320.9	1324.0	1328.3	1334.9
1969	1335.7	1339.8	1349.0	1353.9	1359.9	1368.5	1375.0	1382.4	1388.5	1398.2	1406.2	1414.9
1970	1422.9	1429.1	1434.6	1444.0	1448.7	1454.3	1459.8	1463.9	1471.7	1477.9	1485.9	1495.2
1971	1503.0	1506.0	1509.0	1511.8	1514.0	1497.0B	1498.9	1502.3	1504.4	1505.7	1506.4	1510.2
1972	1514.6	1516.1	1514.9	1522.5	1525.4	1526.1	1531.0	1536.0	1543.2	1550.5	1560.9	1564.9
1973	1570.5	1579.2	1592.5	1592.5C	1607.2C	1615.9	1625.6	1638.1	1648.2	1661.7	1680.6	1691.5
1974	1693.9	1709.8	1721.1	1728.0	1733.2	1736.1	1730.6D	1725.7	1721.5	1714.2	1700.4	1692.7
1975	1686.7	1689.4	1688.2	1698.2	1700.8	1706.7	1712.5	1714.6	1717.7	1720.8	1721.5	1722.3
1976	1727.9	1729.0	1733.3	1731.7	1731.4	1730.8	1732.8	1733.8	1736.6	1739.4	1742.3	1740.4
1977	1745.6	1745.1	1747.1	1746.7	1746.1	1745.2	1747.7	1752.8	1755.3D	1757.2	1759.7	1766.4
1978	1770.9	1766.3	1761.9	1763.9	1766.1	1769.4	1770.7D	1771.8	1772.8	1778.0	1785.4	1795.0
1979	1797.3											

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS - SEE EXPLANATORY NOTES.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS AND NEW INDUSTRY CLASSIFICATION - SEE EXPLANATORY NOTES.

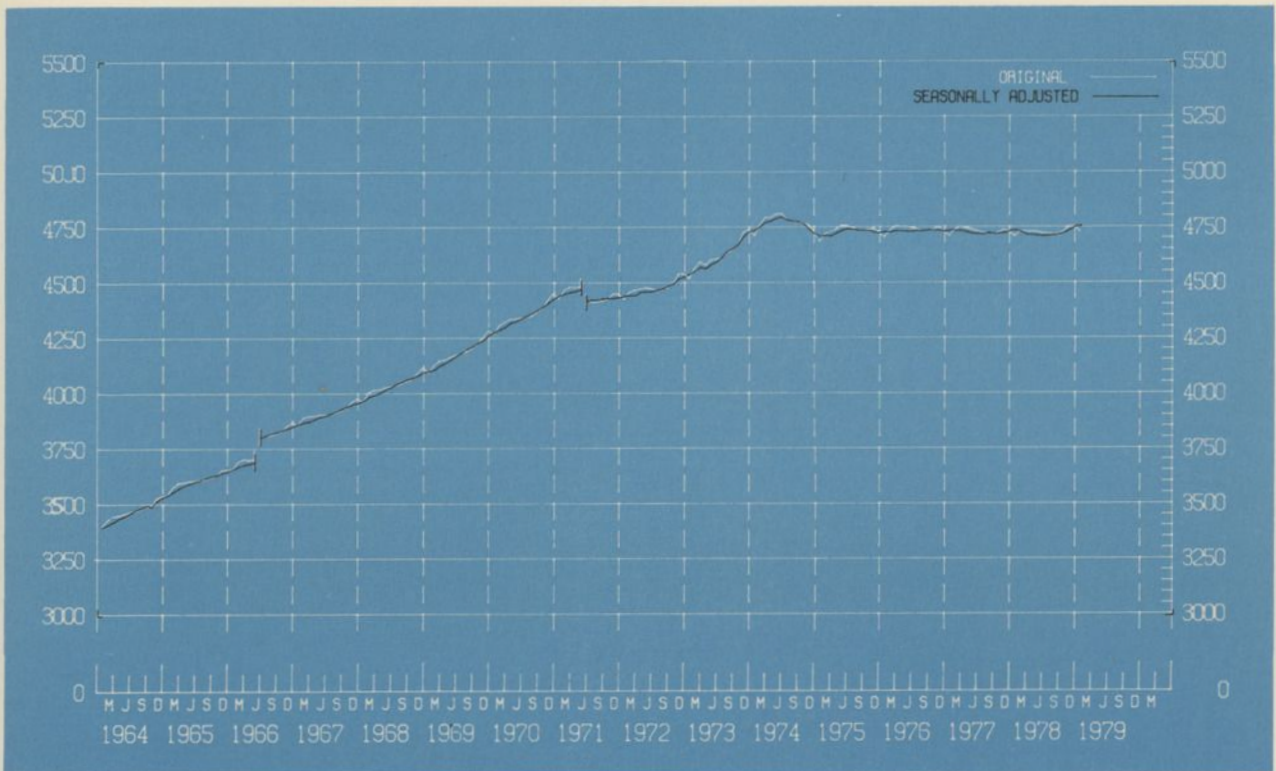
(C) INFLUENCED BY UNUSUAL HOLIDAY PERIOD BETWEEN EASTER AND ANZAC DAY - SEE EXPLANATORY NOTES.

(D) AFFECTED BY INDUSTRIAL DISPUTE.



## CIVILIAN EMPLOYEES - PERSONS

'000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	3397.0	3426.6	3442.7	3447.3	3454.2	3460.7	3467.9	3474.8	3489.6	3483.0A	3523.9	3534.8
1965	3539.6	3574.3	3592.9	3596.2	3602.1	3604.1	3605.2	3611.8	3619.3	3626.9	3651.4	3652.5
1966	3656.0	3687.9	3701.8	3696.1	3700.8	3803.5B	3803.7	3811.0	3816.4	3827.0	3850.7	3867.6
1967	3854.1	3888.2	3894.7	3897.1	3902.8	3902.3	3903.2	3912.4	3921.5	3934.7	3961.0	3976.1
1968	3959.6	4002.4	4014.9	4014.9	4024.6	4029.8	4035.5	4042.2	4053.2	4062.5	4091.2	4115.4
1969	4092.6	4124.7	4146.4	4150.4	4161.0	4171.7	4178.4	4189.0	4202.2	4220.6	4250.0A	4282.9
1970	4266.8	4305.2	4320.9	4333.5A	4336.6A	4340.4	4343.8	4350.4A	4366.9A	4383.6	4421.3A	4449.6
1971	4427.3	4465.1	4479.0	4475.9A	4480.6	4422.3C	4409.6	4411.7	4415.9	4421.9	4447.2	4445.5
1972	4421.3	4453.3	4462.7	4469.2	4473.5	4467.9	4459.6	4462.6	4473.7	4488.5	4534.7	4535.8
1973	4515.3	4561.8	4588.9	4574.6D	4598.4D	4602.9A	4610.5	4631.3	4644.4	4667.5	4724.4	4735.1
1974	4708.0	4757.7	4789.4	4789.8	4806.8	4806.5	4780.9A	4769.2A	4765.9	4762.1	4754.6	4721.0
1975	4678.7	4715.2	4724.8	4734.9A	4752.0	4752.7A	4742.4A	4729.5	4728.7	4733.5	4738.1	4722.4
1976	4699.0	4729.6	4748.2	4746.0	4746.1	4739.1	4734.0	4725.4	4728.0	4732.2	4743.5A	4722.9
1977	4704.0	4732.3	4744.5	4738.6	4732.6	4726.2	4717.7	4717.0	4712.1A	4716.9A	4729.7	4723.7
1978	4702.5	4724.6	4724.0	4723.1	4719.9	4713.4A	4711.8A	4707.7	4709.4	4719.9	4742.7	4742.4
1979	4721.4											
SEASONALLY ADJUSTED												
1964	3401.8	3413.0	3425.1	3440.3	3450.4	3463.4	3477.0	3486.2	3500.1	3491.3A	3518.3	3536.0
1965	3546.2	3560.0	3574.8	3588.2	3597.6	3606.0	3614.1	3623.0	3630.1	3636.5	3646.2	3653.6
1966	3664.0	3673.3	3683.8	3687.2	3695.6	3806.3B	3813.8	3823.6	3829.2	3838.5	3846.3	3854.6
1967	3865.2	3874.3	3877.1	3888.9	3898.4	3904.6	3913.3	3925.2	3934.8	3946.7	3956.6	3961.4
1968	3971.6	3988.9	3997.5	4006.1	4019.9	4032.0	4045.8	4056.0	4067.1	4074.5	4086.1	4099.3
1969	4105.3	4111.4	4129.5	4140.8	4155.6	4173.8	4188.7	4204.2	4216.6	4233.0	4243.6A	4265.8
1970	4281.4	4292.8	4303.3	4323.1A	4330.2A	4342.3	4353.9	4366.3A	4381.4A	4396.3	4413.2A	4432.4
1971	4444.7	4454.0	4461.0	4465.2A	4472.6	4420.4C	4426.6	4425.3	4430.5	4433.3	4433.9	4435.9
1972	4443.1	4446.1	4446.2	4461.4	4462.2	4464.0	4469.8	4475.4	4487.0	4498.3	4520.9	4529.3
1973	4541.1	4556.6	4573.1	4566.3D	4585.5D	4596.8A	4616.3	4643.4	4656.2	4675.0	4709.6	4732.3
1974	4738.3	4755.0	4774.1	4781.1	4792.7	4798.5	4784.9A	4779.1A	4775.8	4767.5	4742.1	4722.5
1975	4710.5	4714.4	4711.0	4725.0A	4737.9	4743.4A	4743.9A	4737.3	4737.0	4737.2	4727.9	4726.8
1976	4731.4	4730.1	4736.2	4735.2	4732.5	4729.8	4733.7	4731.3	4734.7	4734.7	4735.3A	4728.9
1977	4735.6	4733.4	4734.1	4726.8	4719.7	4717.6	4716.2	4721.8	4718.1A	4719.2A	4722.4	4730.8
1978	4733.9	4726.0	4714.0	4712.1	4708.6	4706.7A	4709.3A	4711.3	4715.1	4722.5	4735.6	4749.7
1979	4752.9											

(A) AFFECTED BY INDUSTRIAL DISPUTE.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS - SEE EXPLANATORY NOTES.

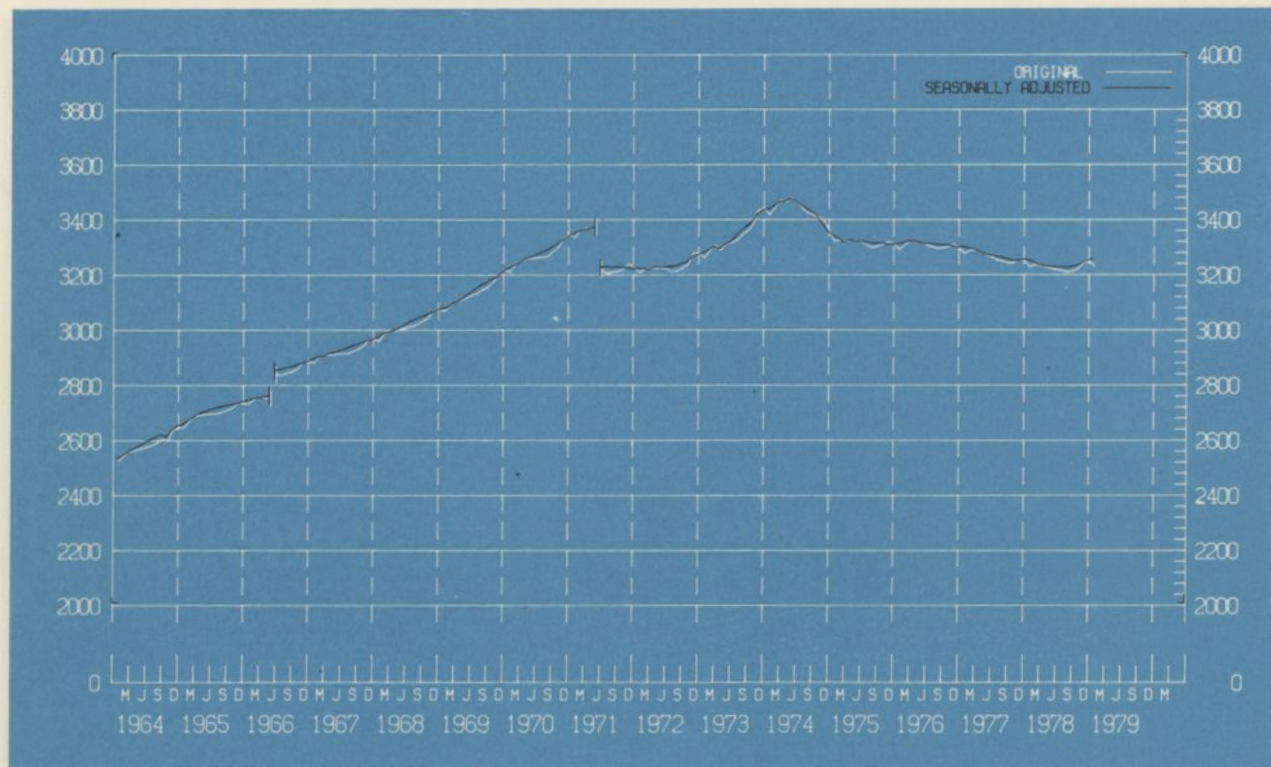
(C) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS AND NEW INDUSTRY CLASSIFICATION - SEE EXPLANATORY NOTES.

(D) INFLUENCED BY UNUSUAL HOLIDAY PERIOD BETWEEN EASTER AND ANZAC DAY - SEE EXPLANATORY NOTES. THIS FIGURE IS ALSO AFFECTED BY INDUSTRIAL DISPUTE.



## CIVILIAN EMPLOYEES - PRIVATE

'000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	2526.8	2547.3	2562.0	2564.6	2570.9	2577.4	2584.0	2590.5	2606.3	2600.1A	2639.1	2647.9
1965	2647.1	2673.1	2689.7	2692.2	2697.3	2697.9	2698.0	2703.3	2711.5	2718.7	2738.0	2735.4
1966	2733.6	2752.3	2761.3	2753.5	2755.7	2840.3B	2838.8	2845.1	2850.9	2861.6	2883.9	2886.2
1967	2882.9	2905.0	2910.5	2911.5	2915.0	2915.3	2914.5	2923.0	2931.9	2944.0	2966.2	2968.4
1968	2961.4	2989.6	2999.4	2996.9	3004.5	3009.8	3014.0	3022.2	3033.3	3044.5	3070.3	3079.6
1969	3067.7	3085.4	3105.3	3107.2	3117.2	3125.6	3132.7	3144.6	3157.2	3174.3	3199.1A	3218.6
1970	3210.4	3235.4	3248.5	3259.0A	3259.2A	3261.7	3264.2	3267.8A	3284.4A	3300.1	3332.0	3348.5
1971	3336.4	3359.1	3370.9	3368.8A	3373.1	3219.1C	3205.5	3208.9	3213.1	3218.6	3238.6	3227.3
1972	3206.7	3221.0	3221.2	3224.0	3225.7	3220.6	3210.9	3213.5	3223.6	3237.2	3278.9	3276.7
1973	3259.7	3284.9	3306.3	3288.4D	3310.2D	3315.0A	3323.7	3344.4	3359.4	3382.8	3434.1	3438.9
1974	3416.1	3443.0	3467.0	3462.1	3475.9	3470.1	3438.5A	3423.0A	3415.4	3407.1	3394.8	3357.8
1975	3318.7	3323.9	3319.3	3324.2	3321.0	3315.7A	3304.8A	3296.2	3300.9	3309.4	3317.0	3311.1
1976	3287.5	3305.8	3321.2	3317.1	3315.5	3305.9	3299.3	3293.0	3294.7	3299.5	3307.6A	3296.1
1977	3275.3	3284.6	3288.9	3278.9	3270.3	3262.5	3251.0	3246.5	3241.3A	3241.9A	3251.9	3251.9
1978	3225.9	3233.7	3229.5	3225.2	3221.4	3214.9A	3211.4A	3208.1	3210.9	3220.9	3242.0	3247.6
1979	3228.4											
SEASONALLY ADJUSTED												
1964	2527.2	2537.7	2549.3	2562.7	2571.8	2583.5	2594.9	2601.6	2613.6	2602.9A	2628.1	2643.5
1965	2650.1	2663.4	2676.7	2689.2	2697.1	2702.9	2708.5	2714.1	2719.0	2722.5	2727.4	2731.5
1966	2737.8	2742.7	2748.6	2749.5	2754.8	2845.3B	2849.6	2856.2	2859.4	2866.3	2873.3	2877.8
1967	2888.6	2895.9	2897.8	2907.5	2914.0	2919.6	2925.2	2934.2	2940.8	2949.0	2955.7	2958.7
1968	2967.5	2981.1	2987.1	2992.5	3003.3	3014.0	3024.7	3034.2	3042.7	3049.6	3059.4	3068.7
1969	3074.0	3077.4	3093.7	3102.1	3115.5	3129.9	3143.4	3157.9	3167.1	3179.7	3187.2A	3205.9
1970	3217.7	3228.1	3236.6	3253.4A	3256.7A	3266.2	3274.8	3281.9A	3294.5A	3306.1	3318.6	3334.5
1971	3345.6	3353.1	3358.9	3363.3A	3369.2	3220.7C	3224.6	3221.3	3223.3	3222.8	3219.2	3216.0
1972	3218.3	3218.2	3211.8	3223.0	3220.9	3221.0	3223.7	3225.8	3233.0	3240.2	3259.2	3266.3
1973	3273.9	3283.5	3297.3	3287.1D	3304.3D	3314.2A	3333.0	3356.8	3367.9	3384.3	3413.8	3429.7
1974	3433.2	3443.4	3458.0	3460.3	3469.1	3468.3	3447.1A	3434.2A	3423.0	3407.3	3376.9	3350.1
1975	3336.2	3325.6	3311.5	3321.4	3314.6	3313.5A	3311.8A	3306.0	3307.4	3308.7	3301.8	3304.3
1976	3304.9	3308.0	3314.5	3313.1	3309.7	3303.9	3305.1	3301.5	3300.4	3298.4	3294.6A	3289.3
1977	3292.1	3286.7	3283.4	3273.8	3265.1	3261.1	3256.0	3254.4	3246.5A	3240.9A	3240.1	3245.0
1978	3242.1	3235.8	3224.2	3220.9	3217.8	3215.6A	3215.7A	3215.2	3216.2	3220.5	3230.5	3240.3
1979	3244.7											

(A) AFFECTED BY INDUSTRIAL DISPUTE.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS - SEE EXPLANATORY NOTES.

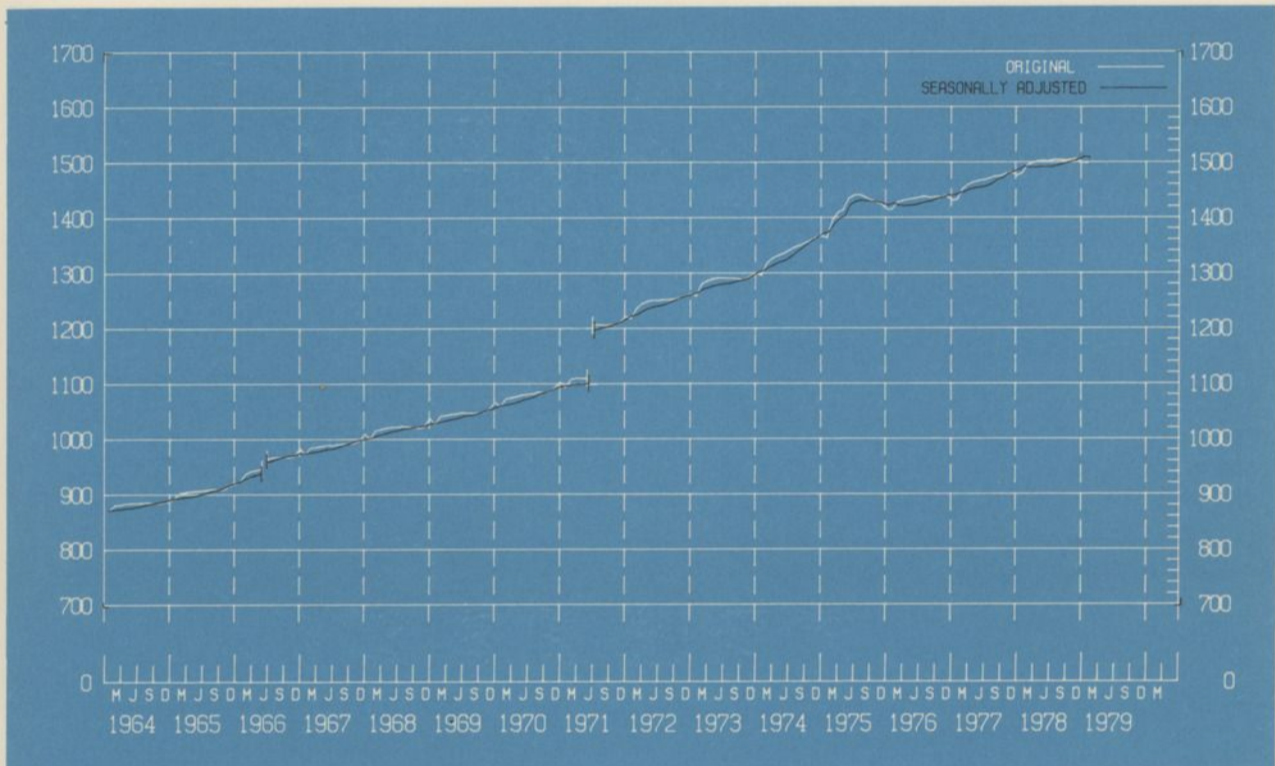
(C) BREAK IN CONTINUITY OF SERIES DUE TO ADOPTION OF NEW BENCHMARKS, NEW INDUSTRY CLASSIFICATION AND CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

(D) INFLUENCED BY UNUSUAL HOLIDAY PERIOD BETWEEN EASTER AND ANZAC DAY - SEE EXPLANATORY NOTES. THIS FIGURE IS ALSO AFFECTED BY INDUSTRIAL DISPUTE.



CIVILIAN EMPLOYEES - GOVERNMENT  
PERSONS

'000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	871.2	879.3	880.7	882.7	883.3	883.3	883.9	884.3	883.3	882.9	884.8	886.9
1965	892.5	901.2	903.2	904.0	904.8	906.2	907.2	908.5	907.8	908.2	913.4	917.1
1966	922.4	935.6	940.5	942.6	945.1	963.2A	964.9	965.9	965.5	965.4	966.8	981.4
1967	971.2	983.2	984.2	985.6	987.8	987.0	988.7	989.4	989.6	990.8	994.8	1007.7
1968	998.2	1012.8	1015.5	1018.0	1020.1	1020.0	1021.5	1020.0	1019.9	1018.0	1020.9	1035.8
1969	1024.9	1039.3	1041.1	1043.2	1043.8	1046.1	1045.7	1044.4	1045.0	1046.3	1050.9	1064.3
1970	1056.4	1069.8	1072.4	1074.5	1077.4	1078.7	1079.6	1082.6	1082.5	1083.5	1089.3B	1101.2
1971	1090.9	1106.0	1108.1	1107.1B	1107.5	1203.2C	1204.2	1202.9	1202.8	1203.3	1208.6	1218.1
1972	1214.5	1232.3	1241.5	1245.3	1247.8	1247.3	1248.7	1249.1	1250.1	1251.3	1255.8	1259.1
1973	1255.6	1276.9	1282.6	1286.2D	1288.1D	1287.9	1286.8	1286.9	1285.1	1284.8	1290.3	1296.2
1974	1291.9	1314.7	1322.5	1327.7	1330.9	1336.4	1342.4B	1346.2B	1350.5	1355.0	1359.8	1363.2
1975	1360.1	1391.2	1405.4	1410.7B	1431.0	1436.9	1437.6	1433.3	1427.7	1424.1	1421.1	1411.3
1976	1411.4	1423.8	1427.0	1428.9	1430.5	1433.2	1434.7	1432.5	1433.3	1432.6	1435.9	1426.8
1977	1428.7	1447.7	1455.5	1459.8	1462.3	1463.8	1466.8	1470.5	1470.8B	1475.0	1477.8	1471.8
1978	1476.5	1490.8	1494.4	1497.9	1498.5	1498.5	1500.4	1499.6	1498.6	1499.0	1500.7	1494.8
1979	1492.9											

## SEASONALLY ADJUSTED

1964	874.6	875.3	875.8	877.6	878.6	879.9	882.1	884.6	886.5	888.4	890.2	892.5
1965	896.1	896.6	898.1	899.0	900.5	903.1	905.6	908.9	911.1	914.0	918.8	922.1
1966	926.2	930.6	935.2	937.7	940.8	961.0A	964.2	967.4	969.8	972.2	973.0	976.8
1967	976.6	978.4	979.3	981.4	984.4	985.0	988.1	991.0	994.0	997.7	1000.9	1002.7
1968	1004.1	1007.8	1010.4	1013.6	1016.6	1018.0	1021.1	1021.8	1024.4	1024.9	1026.7	1030.6
1969	1031.3	1034.0	1035.8	1038.7	1040.1	1043.9	1045.3	1046.3	1049.5	1053.3	1056.4	1059.9
1970	1063.7	1064.7	1066.7	1069.7	1073.5	1076.1	1079.1	1084.4	1086.9	1090.2	1094.6B	1097.9
1971	1099.1	1100.9	1102.1	1101.9B	1103.4	1199.7C	1202.0	1204.0	1207.2	1210.5	1214.7	1219.9
1972	1224.8	1227.9	1234.4	1238.4	1241.3	1243.0	1246.1	1249.6	1254.0	1258.1	1261.7	1263.0
1973	1267.2	1273.1	1275.8	1279.2D	1281.2D	1282.6	1283.3	1286.6	1288.3	1290.7	1295.8	1302.6
1974	1305.1	1311.6	1316.1	1320.8	1323.6	1330.2	1337.8B	1344.9B	1352.8	1360.2	1365.2	1372.4
1975	1374.3	1388.8	1399.5	1403.6B	1423.3	1429.9	1432.1	1431.3	1429.6	1428.5	1426.1	1422.5
1976	1426.5	1422.1	1421.7	1422.1	1422.8	1425.9	1428.6	1429.8	1434.3	1436.3	1440.7	1439.6
1977	1443.5	1446.7	1450.7	1453.0	1454.6	1456.5	1460.2	1467.4	1471.6B	1478.3	1482.3	1485.8
1978	1491.8	1490.2	1489.8	1491.2	1490.8	1491.1	1493.6	1496.1	1498.9	1502.0	1505.1	1509.4
1979	1508.2											

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS - SEE EXPLANATORY NOTES.

(B) AFFECTED BY INDUSTRIAL DISPUTE.

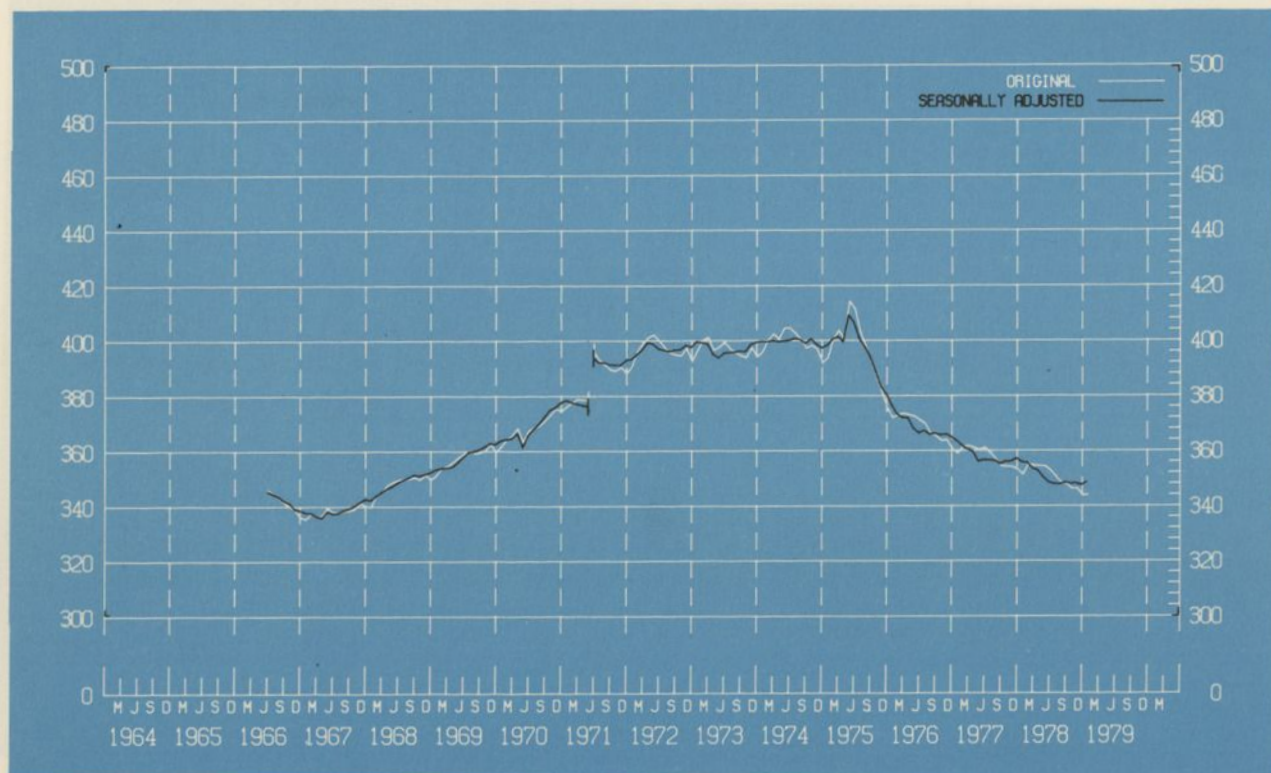
(C) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS AND NEW INDUSTRY CLASSIFICATION - SEE EXPLANATORY NOTES.

(D) INFLUENCED BY UNUSUAL HOLIDAY PERIOD BETWEEN EASTER AND ANZAC DAY - SEE EXPLANATORY NOTES.



## CIVILIAN EMPLOYEES - CONSTRUCTION (A)

'000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966						345.9	344.5	343.1	341.2	339.9	338.6	336.0
1967	335.2	337.3	336.0	336.5	339.4	338.0	337.7	338.2	338.4	339.0	341.3	340.1
1968	339.7	343.7	345.2	347.6	348.8	349.5	349.9	349.9	350.5	349.7	351.4	349.7
1969	351.0	353.7	354.5	355.8	357.6	358.9	360.0	359.2	359.5	360.2	362.6	359.7
1970	361.7	364.2	365.8	368.4	363.3B	367.3	368.5	369.3	371.1	373.1	375.3	374.4
1971	376.1	377.7	378.8	378.5	378.4	395.9C	392.8	391.3	389.5	389.0	390.4	388.1
1972	390.6	396.2	399.2	401.3	402.1	400.0	397.5	395.5	394.8	394.5	397.3	392.4
1973	396.4	400.2	401.3	396.5D	397.7D	399.4	397.1	395.6	394.5	393.7	397.4	394.1
1974	396.0	400.2	402.4	400.6	404.5	404.7	402.7	400.3	397.2	398.2	396.9	391.9
1975	393.8	400.5	403.6	400.5B	414.2	411.5B	403.1B	397.9	392.6	386.5	381.3	375.4
1976	371.8	372.9	373.4	372.9	372.4	371.0	369.7	366.2	365.2	363.5	363.8	360.4
1977	358.8	361.3	361.6	360.9	360.2	361.0	358.9	356.8	354.2	354.0	353.8	352.8
1978	350.9	354.9	354.3	354.1	353.9	352.5	350.2	348.0	347.4	345.7	345.7	343.1
1979	343.4											

## ORIGINAL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1966						345.9	344.5	343.1	341.2	339.9	338.6	336.0
1967	335.2	337.3	336.0	336.5	339.4	338.0	337.7	338.2	338.4	339.0	341.3	340.1
1968	339.7	343.7	345.2	347.6	348.8	349.5	349.9	349.9	350.5	349.7	351.4	349.7
1969	351.0	353.7	354.5	355.8	357.6	358.9	360.0	359.2	359.5	360.2	362.6	359.7
1970	361.7	364.2	365.8	368.4	363.3B	367.3	368.5	369.3	371.1	373.1	375.3	374.4
1971	376.1	377.7	378.8	378.5	378.4	395.9C	392.8	391.3	389.5	389.0	390.4	388.1
1972	390.6	396.2	399.2	401.3	402.1	400.0	397.5	395.5	394.8	394.5	397.3	392.4
1973	396.4	400.2	401.3	396.5D	397.7D	399.4	397.1	395.6	394.5	393.7	397.4	394.1
1974	396.0	400.2	402.4	400.6	404.5	404.7	402.7	400.3	397.2	398.2	396.9	391.9
1975	393.8	400.5	403.6	400.5B	414.2	411.5B	403.1B	397.9	392.6	386.5	381.3	375.4
1976	371.8	372.9	373.4	372.9	372.4	371.0	369.7	366.2	365.2	363.5	363.8	360.4
1977	358.8	361.3	361.6	360.9	360.2	361.0	358.9	356.8	354.2	354.0	353.8	352.8
1978	350.9	354.9	354.3	354.1	353.9	352.5	350.2	348.0	347.4	345.7	345.7	343.1
1979	343.4											

## SEASONALLY ADJUSTED

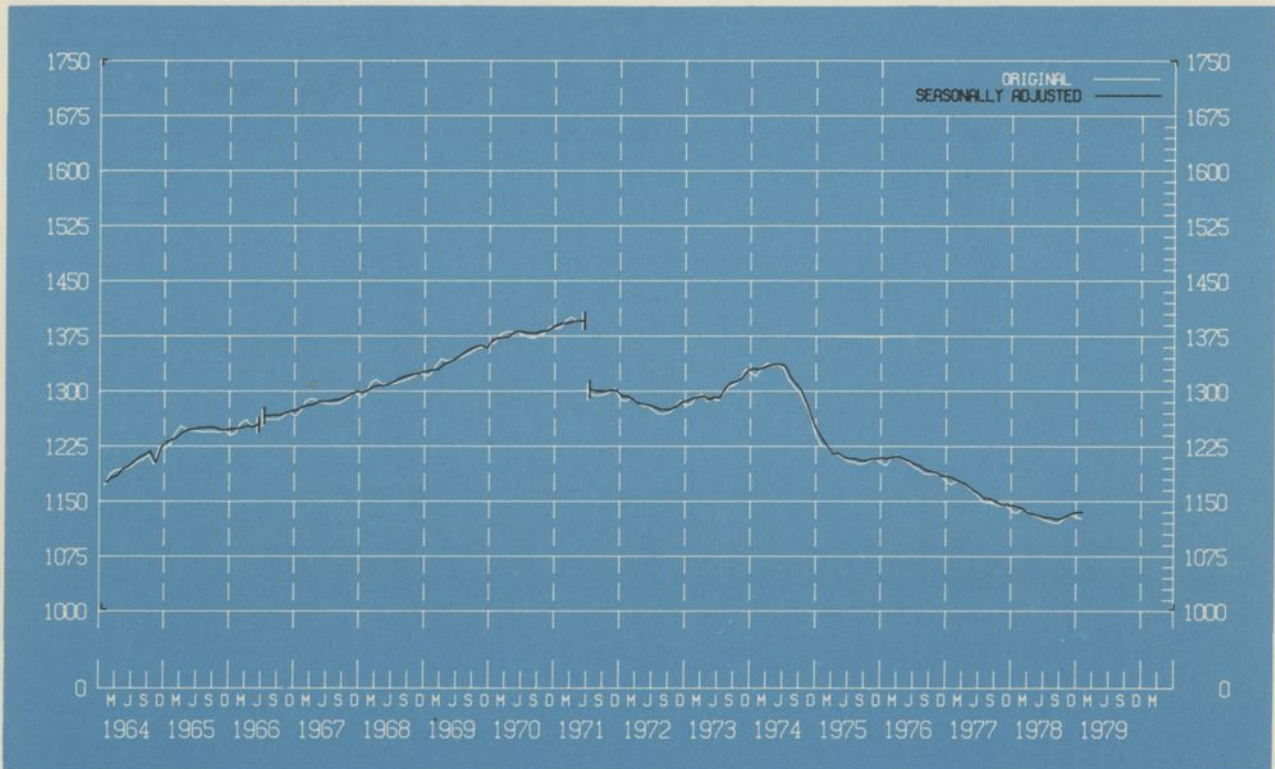
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1966						344.8	343.9	343.0	341.5	340.6	338.4	338.1
1967	337.3	337.1	335.7	335.3	337.7	336.9	337.1	338.2	338.8	339.8	341.2	342.3
1968	341.8	343.4	344.8	346.2	347.0	348.3	349.3	350.1	351.1	350.7	351.4	352.0
1969	353.0	353.5	353.7	354.0	355.7	357.6	359.4	359.6	360.4	361.5	362.7	362.3
1970	363.7	364.0	364.5	366.4	361.2B	365.6	367.8	369.8	372.3	374.8	375.6	377.4
1971	378.3	377.5	376.9	376.3	375.9	393.6C	391.9	391.9	391.1	391.0	391.0	392.9
1972	393.1	395.0	396.8	399.4	398.7	396.9	396.4	396.0	396.6	396.7	398.3	397.5
1973	399.6	399.3	398.8	395.1D	393.6D	395.5	395.7	395.9	396.3	396.0	398.7	399.5
1974	399.8	399.6	399.9	399.6	399.8	400.1	400.8	400.4	398.8	400.6	398.6	397.2
1975	398.2	400.4	401.4	399.4B	409.3	406.5B	400.6B	397.7	394.0	388.7	383.2	380.4
1976	376.4	373.1	371.8	371.8	368.0	366.3	367.2	365.8	366.2	365.5	365.9	364.9
1977	363.5	361.7	360.3	359.5	356.0	356.5	356.3	356.2	355.0	355.9	355.9	357.1
1978	355.6	355.4	353.2	352.5	350.0	348.2	347.6	347.4	348.1	347.7	347.8	347.1
1979	348.1											

- (A) ESTIMATES PRIOR TO JUNE 1971 REFER TO THE INDUSTRY GROUP 'BUILDING AND CONSTRUCTION' AND WERE BASED ON A DIFFERENT INDUSTRY CLASSIFICATION.  
 (B) AFFECTED BY INDUSTRIAL DISPUTE.  
 (C) BREAK IN CONTINUITY OF SERIES DUE TO ADOPTION OF NEW BENCHMARKS AND NEW INDUSTRY CLASSIFICATION - SEE EXPLANATORY NOTES.  
 (D) INFLUENCED BY UNUSUAL HOLIDAY PERIOD BETWEEN EASTER AND ANZAC DAY - SEE EXPLANATORY NOTES.



CIVILIAN EMPLOYEES - MANUFACTURING  
PERSONS

'000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	1172.0	1188.4	1192.9	1194.4	1195.1	1198.5	1204.0	1207.8	1213.8	1200.6A	1223.2	1223.1
1965	1228.4	1244.1	1252.8	1248.6	1246.4	1246.1	1245.0	1245.3	1245.1	1244.2	1247.0	1240.5
1966	1243.5	1256.7	1261.5	1253.3	1254.0	1263.1B	1261.9	1261.9	1261.6	1266.8	1272.4	1266.3
1967	1272.7	1286.6	1290.4	1287.8	1284.8	1283.1	1282.2	1282.6	1286.8	1292.3	1299.1	1291.1
1968	1294.4	1311.3	1316.2	1309.0	1309.7	1310.0	1312.1	1314.0	1316.9	1320.1	1326.0	1320.4
1969	1323.3	1334.6	1344.1	1340.7	1342.9	1344.6	1347.2	1351.0	1355.5	1359.3	1360.7A	1363.2
1970	1366.5	1378.1	1381.0	1380.9A	1380.9	1376.5	1373.6	1372.3A	1375.8A	1379.1	1388.1A	1385.0
1971	1386.3	1396.3	1400.5	1394.7A	1395.1	1298.9C	1294.3	1293.9	1295.2	1298.5	1303.6	1288.2
1972	1286.1	1290.8	1286.8	1279.9	1279.3	1274.6	1269.2	1268.9	1270.4	1276.2	1287.3	1280.8
1973	1281.9	1293.0	1295.8	1285.7D	1289.7D	1287.4A	1297.0	1305.9	1308.9	1315.0	1329.6	1324.5
1974	1320.4	1332.3	1337.7	1334.6	1335.7	1331.4	1314.8A	1305.5	1297.9	1283.1	1265.5	1239.4
1975	1225.6	1223.4	1216.7	1213.4	1208.4	1204.8	1203.0	1200.3	1201.0	1205.6	1208.3	1201.9
1976	1198.5	1209.3	1213.1	1206.3	1203.2	1196.9	1192.9	1187.3	1186.7	1187.3	1184.4A	1176.7
1977	1172.5	1177.1	1177.5	1169.3	1162.3	1156.2	1148.3	1147.4	1145.2A	1142.8A	1144.2	1136.3
1978	1132.7	1138.6	1135.6	1130.9	1127.7	1123.6	1121.7	1119.4	1120.3	1126.7	1131.9	1127.3
1979	1125.5											
SEASONALLY ADJUSTED												
1964	1174.1	1180.5	1183.2	1192.4	1195.9	1201.7	1208.1	1211.6	1216.9	1200.7A	1220.9	1229.1
1965	1231.6	1236.0	1242.2	1245.7	1246.5	1248.4	1248.5	1249.2	1248.2	1245.3	1245.4	1246.8
1966	1247.3	1248.9	1250.8	1249.7	1253.4	1264.9B	1265.2	1265.8	1265.0	1268.4	1271.1	1272.4
1967	1276.8	1279.0	1279.8	1284.1	1283.7	1284.7	1285.6	1286.8	1290.3	1294.0	1297.6	1296.6
1968	1298.4	1304.2	1305.9	1305.5	1308.4	1311.5	1315.8	1318.5	1320.4	1321.5	1323.9	1325.2
1969	1327.0	1327.8	1334.7	1337.7	1341.7	1346.0	1351.2	1355.8	1358.9	1360.3	1357.5A	1367.2
1970	1370.0	1371.8	1372.4	1378.6A	1379.8	1378.0	1377.8	1376.8A	1379.0A	1379.8	1383.6A	1388.4
1971	1390.1	1390.7	1392.9	1393.4A	1393.9	1300.2C	1298.3	1297.6	1297.7	1298.7	1298.4	1291.1
1972	1290.2	1286.4	1280.7	1279.2	1278.2	1275.7	1272.8	1272.0	1272.3	1275.9	1281.5	1284.0
1973	1287.0	1289.2	1290.3	1285.2D	1288.4D	1288.1A	1300.2	1308.7	1310.3	1314.1	1323.8	1328.3
1974	1326.6	1329.1	1332.2	1333.8	1334.2	1332.1	1317.5A	1307.8	1298.9	1281.9	1260.7	1243.2
1975	1232.1	1220.8	1211.7	1212.1	1206.9	1205.2	1205.3	1202.4	1201.6	1204.2	1204.6	1205.8
1976	1204.9	1206.9	1208.1	1204.3	1201.8	1197.3	1195.0	1189.4	1187.5	1185.8	1181.2A	1180.6
1977	1178.7	1174.6	1172.6	1167.0	1161.0	1156.6	1150.2	1149.6	1146.2A	1141.4A	1141.3	1140.1
1978	1138.6	1136.0	1130.6	1128.6	1126.5	1124.2	1123.4	1121.5	1121.5	1125.4	1129.0	1130.9
1979	1131.3											

(A) AFFECTED BY INDUSTRIAL DISPUTE.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS - SEE EXPLANATORY NOTES.

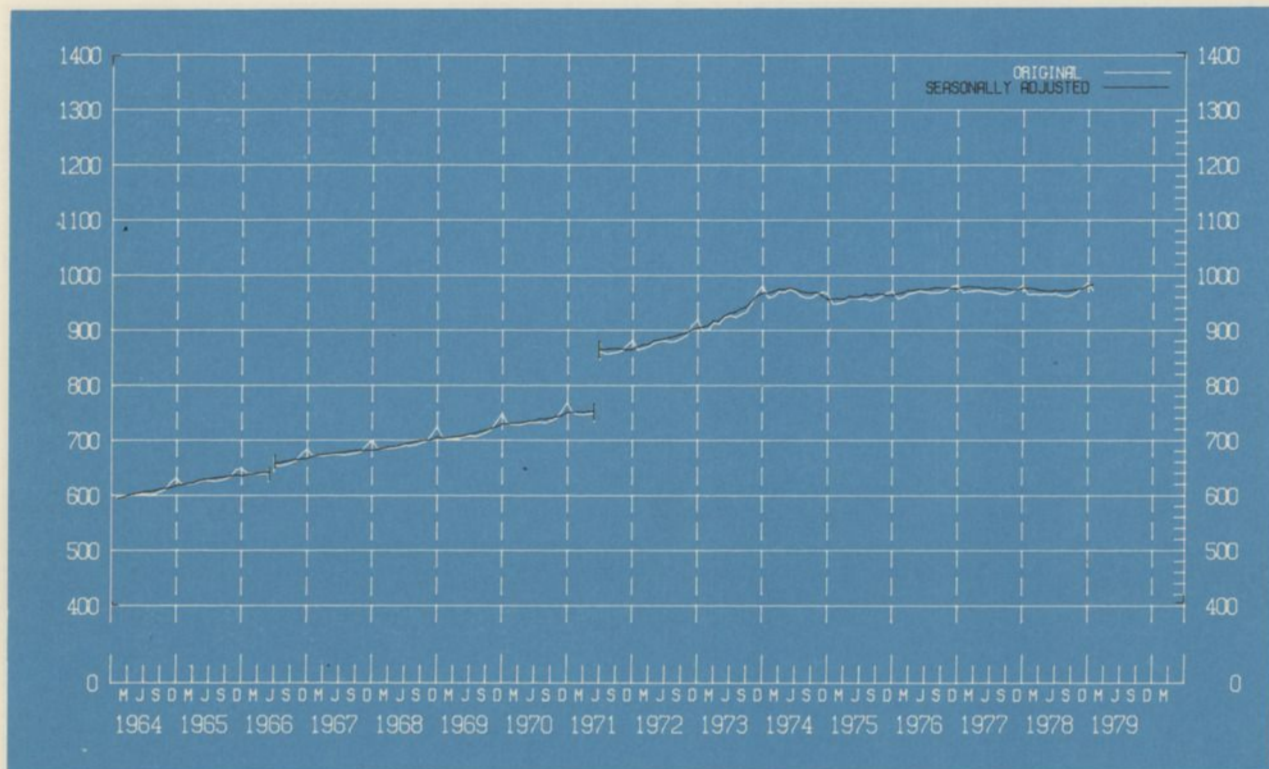
(C) BREAK IN CONTINUITY OF SERIES DUE TO ADOPTION OF NEW BENCHMARKS AND NEW INDUSTRY CLASSIFICATION - SEE EXPLANATORY NOTES.

(D) INFLUENCED BY UNUSUAL HOLIDAY PERIOD BETWEEN EASTER AND ANZAC DAY - SEE EXPLANATORY NOTES. THIS FIGURE IS ALSO AFFECTED BY INDUSTRIAL DISPUTE.



CIVILIAN EMPLOYEES - WHOLESALE AND RETAIL TRADE (A)  
PERSONS

'000



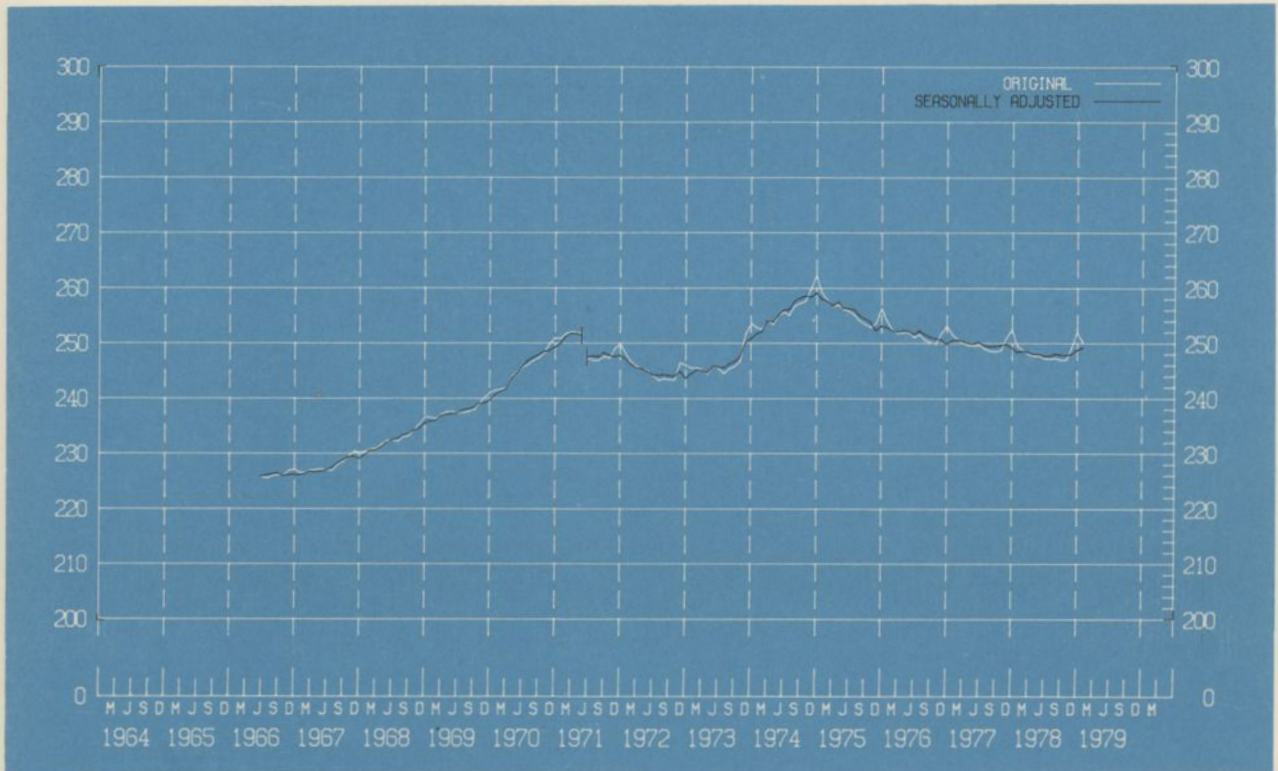
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	595.5	596.7	599.6	600.3	602.6	602.9	601.3	602.7	607.0	610.8	623.5	631.2
1965	619.9	620.7	620.5	623.9	626.8	625.9	625.1	626.1	628.3	633.2	645.5	647.8
1966	638.8	637.3	637.6	638.1	638.7	653.8B	652.4	654.6	657.5	661.8	673.9	683.1
1967	670.9	671.0	670.2	672.0	672.8	673.2	671.5	673.5	675.0	678.3	689.6	698.4
1968	683.2	682.3	683.3	684.7	686.7	689.2	688.4	690.2	693.4	696.5	709.0	723.3
1969	702.9	700.5	701.3	702.6	705.0	707.0	705.1	708.3	712.3	718.5	733.0	747.0
1970	728.6	726.8	726.8	728.3	731.5	730.9	731.2	730.4	734.3	739.1	752.1	766.4
1971	748.3	746.0	746.2	746.9	747.9	860.0C	856.0	856.4	858.7	861.3	871.7	880.3
1972	862.7	865.8	869.5	875.3	878.3	879.4	877.5	879.1	883.9	890.2	908.7	916.8
1973	897.4	900.4	911.8	910.4D	921.8D	925.4	922.5	927.8	933.0	947.3	968.9	978.8
1974	958.0	960.7	968.7	967.9	972.7	969.2	960.8	957.4	958.1	964.1	967.8	964.3
1975	946.0	947.5	949.6	955.1	955.9	955.7	955.8	952.3	955.8	960.9	966.6	969.5
1976	956.1	959.0	965.0	966.8	969.8	968.4	966.8	967.4	968.1	971.7	978.6	980.3
1977	967.4	969.1	970.3	971.2	969.4	968.9	967.2	965.2	965.1	967.6	974.4	980.1
1978	964.2	964.7	963.5	964.0	964.2	964.3	961.7E	959.8	961.9	967.4	975.8	984.3
1979	970.3											
SEASONALLY ADJUSTED												
1964	593.8	596.7	600.2	602.0	603.9	606.1	607.1	608.6	611.3	612.2	614.2	617.7
1965	618.4	620.9	621.6	625.5	628.2	628.8	630.8	631.8	632.5	634.6	636.2	634.1
1966	637.3	637.7	639.2	639.8	640.3	656.9B	658.3	660.4	662.0	663.4	664.6	665.9
1967	669.7	672.0	672.4	674.2	674.9	676.1	677.4	679.2	679.3	680.0	680.3	680.5
1968	682.1	683.7	685.8	687.1	688.8	692.0	694.2	695.9	697.7	698.1	699.8	704.7
1969	701.9	702.3	704.0	705.1	706.9	709.7	710.8	714.1	716.5	720.1	723.7	728.0
1970	728.0	729.1	729.5	730.9	732.9	733.2	736.8	736.2	738.6	740.6	742.6	747.9
1971	748.2	748.8	748.7	749.7	748.6	862.1C	862.1	863.1	863.7	862.5	860.7	861.0
1972	866.2	869.6	870.6	876.9	878.2	880.7	883.2	885.7	888.9	890.7	897.4	899.3
1973	901.6	904.6	912.8	911.8D	921.0D	926.1	927.8	934.3	938.0	947.1	957.4	962.9
1974	963.0	965.3	969.6	969.1	971.4	969.4	965.4	963.4	962.7	963.3	957.3	950.9
1975	951.1	951.9	950.6	955.9	954.6	955.7	959.5	957.6	959.8	959.8	957.3	957.6
1976	961.2	963.1	966.3	967.2	968.8	968.4	969.7	972.2	971.6	970.5	970.5	969.2
1977	972.4	972.9	972.0	971.2	968.6	969.0	969.6	969.5	968.1	966.6	967.1	969.4
1978	969.0	968.3	965.3	963.9	963.6	964.5	963.9E	963.7	964.8	966.6	968.7	973.5
1979	975.0											

- (A) ESTIMATES PRIOR TO JUNE 1971 REFER TO THE INDUSTRY GROUP 'COMMERCE' AND WERE BASED ON A DIFFERENT INDUSTRY CLASSIFICATION.
- (B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION AND ADOPTION OF NEW BENCHMARKS - SEE EXPLANATORY NOTES.
- (C) BREAK IN CONTINUITY OF SERIES DUE TO ADOPTION OF NEW BENCHMARKS AND NEW INDUSTRY CLASSIFICATION - SEE EXPLANATORY NOTES.
- (D) INFLUENCED BY UNUSUAL HOLIDAY PERIOD BETWEEN EASTER AND ANZAC DAY - SEE EXPLANATORY NOTES.
- (E) AFFECTED BY INDUSTRIAL DISPUTE



CIVILIAN EMPLOYEES - TRANSPORT AND STORAGE  
PERSONS

'000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966						225.7	225.4	225.9	226.0	225.9	226.8	227.0
1967	226.4	226.3	226.8	226.9	227.0	226.8	226.7	227.8	228.3	229.3	230.2	229.9
1968	230.1	230.6	230.7	231.4	232.1	232.2	232.0	232.8	233.0	234.1	235.2	236.4
1969	236.3	236.0	236.9	237.3	237.3	237.1	237.1	237.4	237.7	238.8	239.9	240.8
1970	241.2	241.4	241.7	243.8	244.5	245.4	245.9	246.6	247.1	248.0	249.7	250.7
1971	250.6	251.4	251.8	251.6	251.4	247.1A	246.6	246.6	247.3	247.0	248.7	249.5
1972	247.8	246.3	245.5	245.1	244.7	243.8	243.0	243.3	243.1	243.0	246.1	245.7
1973	245.2	245.2	244.9	244.1B	245.6B	245.1	244.2	245.1	245.5	246.4	251.4	253.2
1974	252.5	252.1	253.8	253.1	254.7	255.3	254.8C	256.4	256.9	257.3	259.5	261.9
1975	258.8	257.5	256.3	256.7	255.8	255.5	254.8	253.7	253.1	252.6	253.3	256.0
1976	253.7	252.1	251.5	251.6	251.6	250.8	251.2	250.3	249.8	249.6	251.5	252.8
1977	251.3	250.4	249.7	249.3	249.2	249.3	248.6	248.2	248.1	248.3	250.6	252.1
1978	249.1	248.3	247.6	247.3	247.3	246.8	246.7	246.8	246.5	246.5	248.7	251.5
1979	249.8											

## SEASONALLY ADJUSTED

1966						226.0	226.2	226.3	226.5	226.0	226.2	226.3
1967	226.1	226.3	226.8	226.7	226.9	227.1	227.4	228.2	228.8	229.4	229.6	229.1
1968	229.8	230.6	230.7	231.2	232.0	232.5	232.8	233.3	233.6	234.2	234.5	235.5
1969	235.9	235.9	236.9	237.1	237.3	237.4	237.9	238.1	238.4	239.1	239.1	239.7
1970	240.7	241.3	241.7	243.7	244.5	245.7	246.8	247.4	247.9	248.5	248.7	249.2
1971	249.9	251.2	251.8	251.6	251.4	247.4A	247.6	247.5	248.2	247.7	247.4	247.7
1972	247.0	246.1	245.4	245.3	244.8	244.1	244.1	244.2	244.0	243.9	244.7	243.5
1973	244.3	245.0	244.9	244.4B	245.7B	245.5	245.3	246.0	246.5	247.4	250.0	250.6
1974	251.5	251.9	253.9	253.6	254.9	255.8	255.9C	257.4	258.0	258.4	258.1	258.9
1975	257.7	257.4	256.5	257.2	256.0	256.0	255.8	254.7	254.2	253.6	252.0	252.9
1976	252.6	252.0	251.8	252.1	251.9	251.3	252.0	251.2	250.8	250.6	250.4	249.6
1977	250.3	250.4	250.1	249.7	249.6	249.9	249.3	249.1	249.1	249.2	249.5	248.9
1978	248.1	248.2	248.1	247.7	247.7	247.4	247.3	247.7	247.5	247.4	247.6	248.4
1979	248.8											

(A) BREAK IN CONTINUITY OF SERIES DUE TO ADOPTION OF NEW BENCHMARKS AND NEW INDUSTRY CLASSIFICATION - SEE EXPLANATORY NOTES.

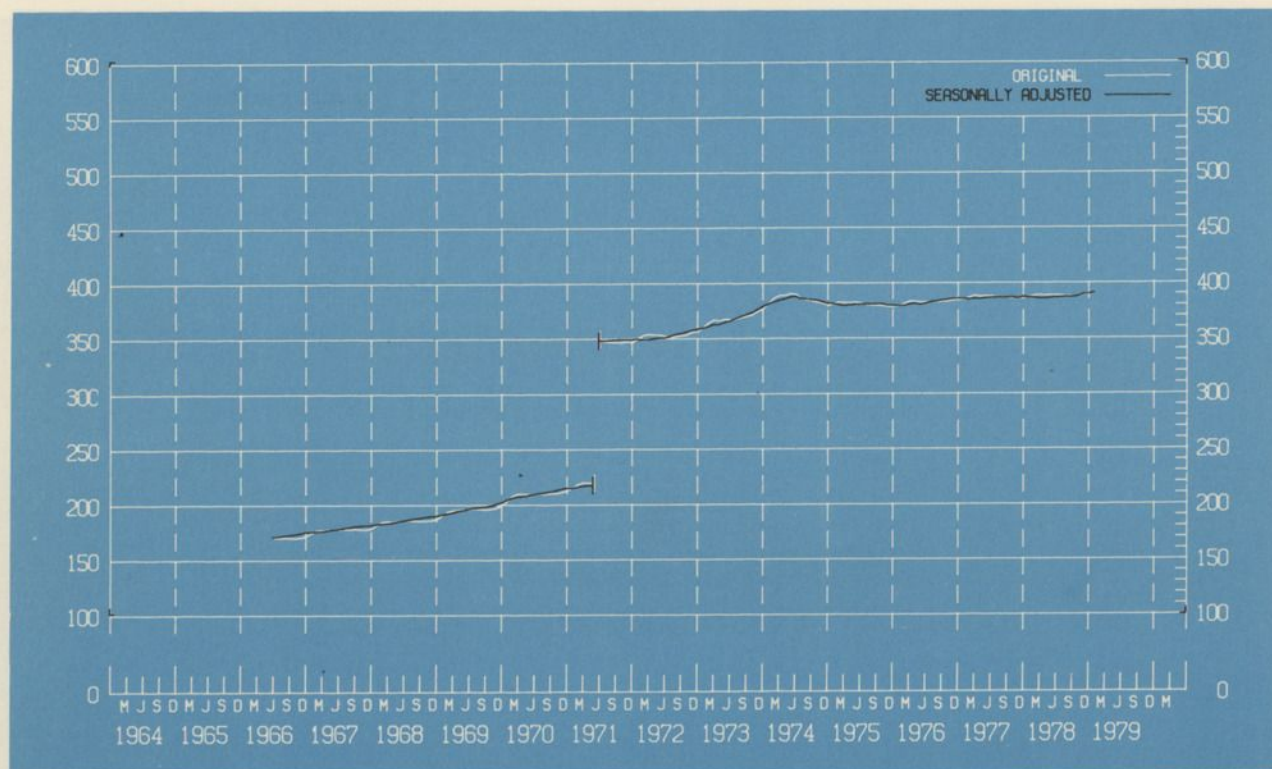
(B) INFLUENCED BY UNUSUAL HOLIDAY PERIOD BETWEEN EASTER AND ANZAC DAY - SEE EXPLANATORY NOTES.

(C) AFFECTED BY INDUSTRIAL DISPUTE.



CIVILIAN EMPLOYEES - FINANCE, INSURANCE, REAL ESTATE AND BUSINESS SERVICES (A)  
PERSONS

'000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966						170.3	169.8	170.0	169.7	169.6	170.1	171.8
1967	174.5	176.8	177.1	177.6	177.6	177.7	177.9	177.6	177.7	177.5	177.5	178.2
1968	181.0	184.1	184.8	184.5	184.8	185.1	185.5	185.2	185.1	185.2	185.5	186.4
1969	189.7	193.0	194.5	195.1	195.4	195.6	195.9	195.4	195.2	195.4	196.3	198.4
1970	202.6	207.4	209.2	208.8	208.5	208.8	209.0	208.6	208.9	209.1	210.1	211.6
1971	213.7	217.2	218.8	218.3	218.0	348.0B	345.8	345.6	344.9	344.5	345.5	344.5
1972	348.0	351.3	351.9	351.7	351.6	350.2	349.4	350.5	350.8	351.4	353.9	354.0
1973	357.9	362.2	365.0	364.2C	365.4C	365.1	365.4	366.9	368.1	368.9	372.2	374.8
1974	379.5	384.0	386.5	386.8	388.2	387.9	383.8	382.8	381.5	380.5	379.4	377.5
1975	379.1	380.2	380.1	380.0	380.3	379.5	378.3	377.5	377.5	377.0	376.1	375.8
1976	376.8	378.7	380.8	380.7	380.0	380.3	380.5	380.3	381.1	381.0	382.1	382.1
1977	382.8	384.5	385.9	384.9	385.5	385.0	384.4	383.8	383.6	383.1	382.3	383.8
1978	383.9	385.1	385.6	385.3	385.6	385.2	384.9	384.3	384.0	384.3	386.2	386.4
1979	388.6											

## SEASONALLY ADJUSTED

1966						169.5	169.6	170.7	171.2	171.8	172.7	173.9
1967	174.4	174.4	174.5	175.6	176.2	176.9	177.7	178.4	179.3	179.8	180.2	180.3
1968	180.9	181.6	182.1	182.4	183.4	184.3	185.3	186.1	186.8	187.6	188.2	188.6
1969	189.7	190.4	191.5	192.9	193.9	194.9	195.8	196.4	196.9	197.8	199.0	200.6
1970	202.6	204.8	206.0	206.5	206.9	208.1	209.0	209.7	210.7	211.5	212.8	213.8
1971	213.7	214.7	215.4	216.1	216.4	347.0B	346.9	347.3	347.6	348.1	347.9	347.6
1972	348.1	347.7	347.8	348.5	349.1	349.3	350.6	352.1	353.2	354.6	356.1	356.8
1973	358.0	359.1	361.2	361.4C	363.0C	364.2	366.5	368.5	370.2	371.7	374.2	377.4
1974	379.6	381.5	383.0	384.3	385.9	386.9	384.7	384.2	383.3	382.8	381.3	379.7
1975	379.4	378.3	377.2	377.9	378.4	378.5	378.9	378.6	378.9	378.9	377.8	377.6
1976	377.2	377.3	378.3	379.0	378.3	379.4	380.8	381.2	382.2	382.6	383.7	383.7
1977	383.4	383.4	383.7	383.3	384.0	384.1	384.4	384.6	384.6	384.6	383.8	385.3
1978	384.6	384.1	383.5	383.8	384.2	384.4	384.8	385.0	385.0	385.8	387.7	387.8
1979	389.4											

- (A) ESTIMATES PRIOR TO JUNE 1971 REFER TO THE INDUSTRY GROUP 'FINANCE AND PROPERTY' AND WERE BASED ON A DIFFERENT INDUSTRY CLASSIFICATION.  
 (B) BREAK IN CONTINUITY OF SERIES DUE TO ADOPTION OF NEW BENCHMARKS AND NEW INDUSTRY CLASSIFICATION - SEE EXPLANATORY NOTES.  
 (C) INFLUENCED BY UNUSUAL HOLIDAY PERIOD BETWEEN EASTER AND ANZAC DAY - SEE EXPLANATORY NOTES.



JOB VACANCIES REGISTERED  
WITH COMMONWEALTH EMPLOYMENT SERVICE - ADULTS  
(SOURCE OF ORIGINAL DATA - DEPARTMENT OF EMPLOYMENT AND YOUTH AFFAIRS)  
NUMBER

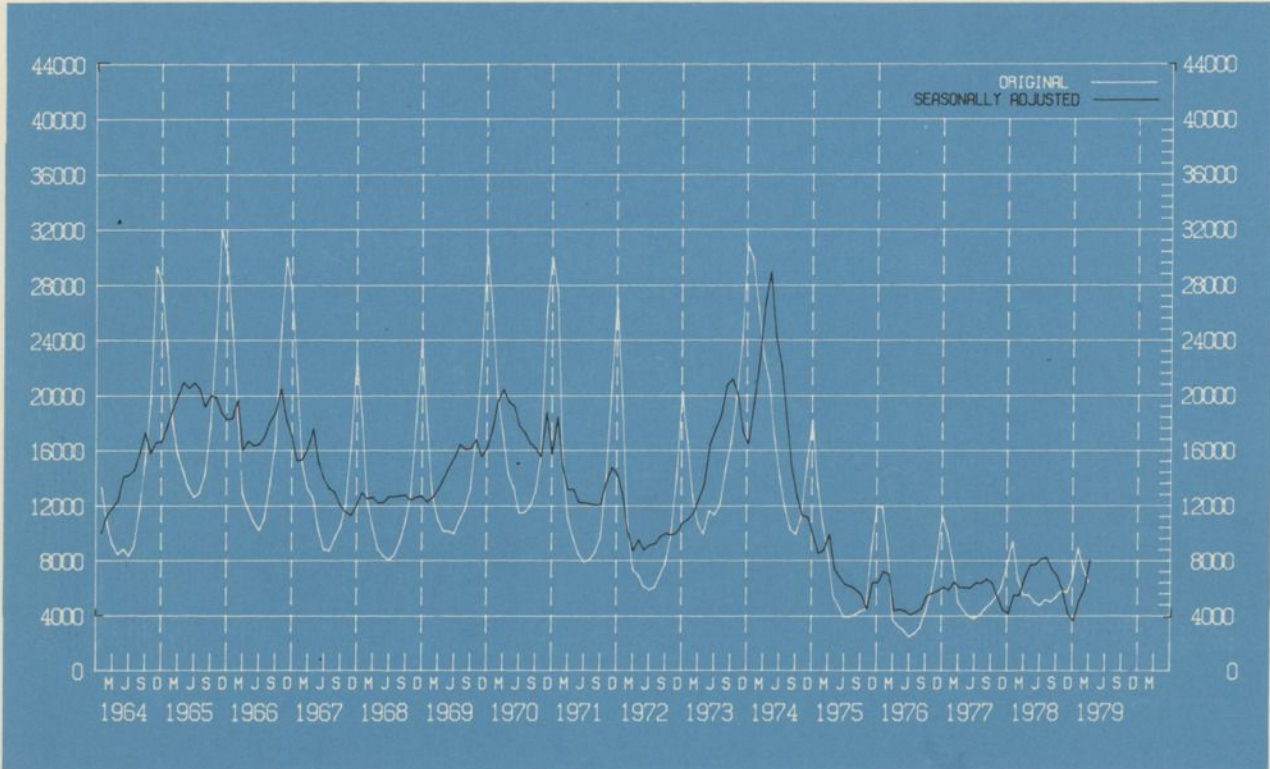


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	30634	28967	28609	28863	28596	27608	28714	31949	35984	37459	38278	33183
1965	38669	38156	36685	34174	33830	32049	31445	33341	35076	34975	33304	30046
1966	33720	30256	26176	25058	24635	22787	23526	23826	24559	26075	25486	24325
1967	28520	27568	25544	24043	21764	20523	20500	22336	24572	26298	24754	22596
1968	28103	25970	24540	22635	22194	20635	21799	24384	26862	28482	25719	22920
1969	28425	28027	27623	25440	25224	25041	27342	30627	33472	36895	34202	30542
1970	38681	38234	37336	35236	31174	28384	28617	30598	34222	36028	32410	29542
1971	36682	34629	29476	26806	25940	23844	25160	26024	26133	26718	22414	18242
1972	23421	23051	21766	21015	19550	18560	19399	21198	24751	27093	24359	23116
1973	38633	40013	39830	38379	41888	43174	46193	55092	62764	65823	57059	48286
1974	60573	65403	64693	60275	56953	48128	38697	33363	31334	28843	25388	22068A
1975	28924	27783	26073	25916	24107	21622	21605	22084	21681	20598	19589	17305
1976	23343	22116	19316	18424	17985	16735	16434	17842	19066	18728	17533	15239
1977	20428	20885	18491	16632	15959	15332	15055	15844	14982	15723	14129	12208
1978	15474	15589	14030	13045	12923	12449	13113	13040	13825	14893	13585	11253
1979	16002	17530	14968									
SEASONALLY ADJUSTED												
1964	25942	26818	28289	30641	31476	32169	33008	33654	34591	34121	35571	34311
1965	33250	35327	36134	36008	36852	36939	35863	34808	33568	31937	31261	31329
1966	29188	27925	25678	26366	26798	26190	26650	24809	23542	23815	24231	25510
1967	24514	25281	24955	25303	23735	23709	23220	23230	23486	23896	23814	23915
1968	24252	23639	23860	23844	24305	23930	24498	25207	25566	25605	25014	24742
1969	24906	25364	26760	26651	27491	28892	30339	31303	31531	32857	33766	33811
1970	34225	34560	36016	36670	33695	32501	31519	31164	32252	32212	32635	33609
1971	32484	31130	28221	27566	27503	26849	27633	26646	24787	24282	23103	21119
1972	20340	20590	20728	21366	20333	20581	21287	21804	23798	25203	25589	27284
1973	33955	35754	37546	38314	42425	46742	50280	56447	60710	62664	60784	57862
1974	54040	58201	60648	59724	56824	51503	42112	34292	30928	28217	27075	26314A
1975	24735	24431	24572	25639	24034	23126	23541	22760	21580	20449	20810	20567
1976	20337	19370	18150	18303	17920	17853	17678	18227	19066	18725	18482	18015
1977	17803	18205	17457	16597	16003	16417	16060	16133	14980	15795	14829	14390
1978	13559	13530	13304	13083	13033	13354	13941	13224	13823	14987	14221	13205
1979	13845	15173	14218									

(A) NORTHERN TERRITORY ESTIMATED. DURING DECEMBER 1974 THE CYCLONE IN DARWIN CAUSED SOME MINOR LOSS OF RECORDS.



JOB VACANCIES REGISTERED  
WITH COMMONWEALTH EMPLOYMENT SERVICE - JUNIORS  
(SOURCE OF ORIGINAL DATA - DEPARTMENT OF EMPLOYMENT AND YOUTH AFFAIRS)  
NUMBER

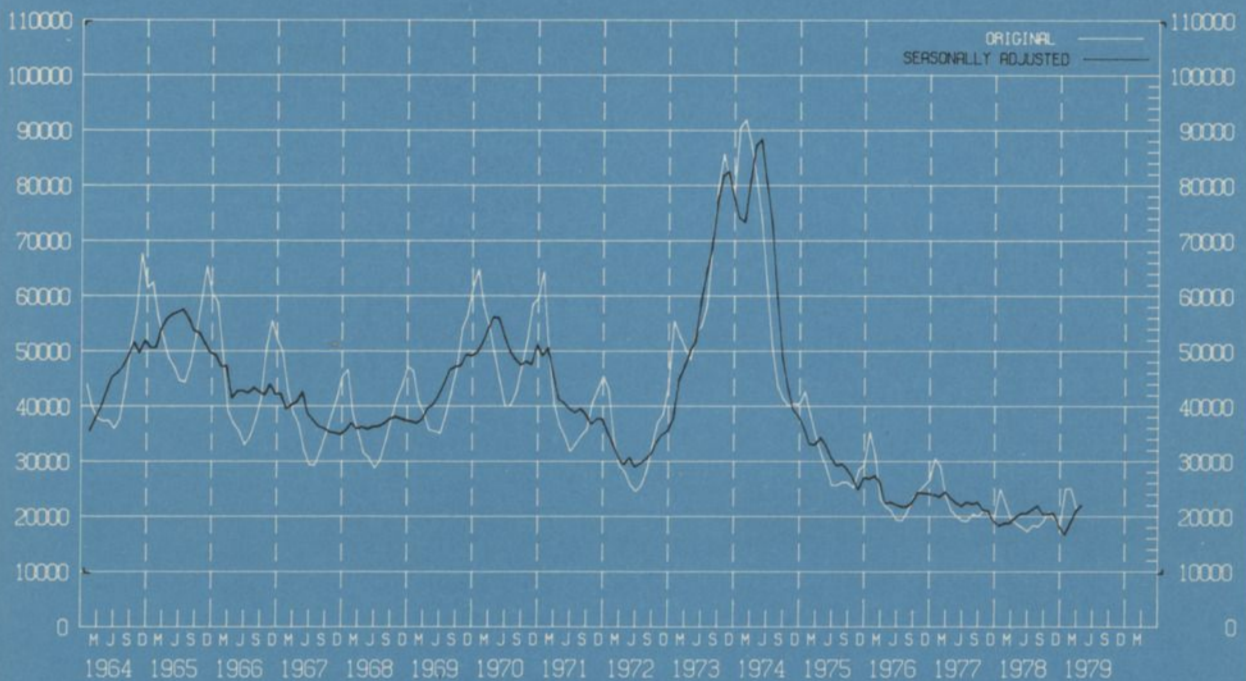


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	13331	10741	9200	8474	8865	8332	9052	11667	15172	19505	29383	28299
1965	23819	18162	15724	14554	13295	12640	12951	14266	17790	24280	32033	30305
1966	25140	18963	12839	11806	10857	10234	11045	13606	16664	24693	30027	27712
1967	21334	15019	13208	12609	10247	8812	8735	9659	10447	12022	16616	22824
1968	18519	12426	10447	8833	8368	8087	8429	9381	10778	12815	18136	24166
1969	17896	12718	11012	10162	10155	9955	10970	11772	13264	17117	22281	30895
1970	26068	20024	17171	14259	13272	11481	11523	11940	13014	15786	26058	30012
1971	27605	15350	11061	9636	8486	7927	8052	8649	9631	13816	20572	27128
1972	19439	10822	7337	6971	6160	5926	6080	6960	7837	9837	14149	20288
1973	16782	12667	10660	9948	11611	11334	12059	14568	16558	19863	23878	30835
1974	29958	26440	22859	20983	16914	14052	11826	10286	9919	11193	15026	18237A
1975	13559	10601	8420	5383	4661	3895	3923	4071	4326	4444	8789	11949
1976	11864	8896	3660	3235	2924	2459	2719	3121	4302	5658	7966	11305
1977	9960	7985	4977	4376	3935	3797	4031	4531	4896	5376	6127	7755
1978	9394	6668	5493	5523	4981	4754	5187	5015	5357	5821	5729	6758
1979	8927	7404	6455									
SEASONALLY ADJUSTED												
1964	9964	11266	11796	12338	14054	14163	14549	15775	17251	15760	16573	16531
1965	17617	18909	19899	20887	20446	20848	20366	19088	19948	19787	18696	18184
1966	18250	19589	15979	16628	16272	16416	16930	18053	18693	20410	18175	17005
1967	15192	15290	16121	17511	15052	13873	13206	12916	11989	11474	11236	11987
1968	12910	12467	12586	12147	12196	12615	12620	12672	12739	12365	12572	12673
1969	12214	12587	13145	13908	14735	15435	16393	16052	16091	16730	15545	16119
1970	17526	19533	20405	19470	19168	17709	17248	16459	16121	15497	18719	15679
1971	18358	14732	13119	13160	12198	12176	12128	12018	12083	13670	14746	14278
1972	12875	10114	8692	9525	8780	9110	9244	9762	9974	9853	10060	10737
1973	10991	11421	12509	13586	16481	17549	18510	20696	21196	20052	17326	16443
1974	19393	22646	26759	28863	24200	22187	18338	14721	12688	11248	11152	9830A
1975	8529	8785	9921	7426	6793	6287	6154	5916	5569	4489	6468	6456
1976	7250	7059	4393	4495	4387	4101	4296	4556	5499	5677	5852	6129
1977	5926	6509	6086	6084	6059	6437	6391	6673	6392	5406	4452	4171
1978	5512	5525	6823	7705	7756	8158	8248	7352	6894	5822	4208	3630
1979	5188	5978	8045									

NOTE - THERE IS SOME EVIDENCE OF A CHANGING SEASONAL PATTERN  
IN THE JUNIOR SERIES FOR JOB VACANCIES. PARTICULAR CARE SHOULD  
BE EXERCISED IN INTERPRETING INDIVIDUAL MONTH-TO-MONTH MOVEMENTS.  
(A) NORTHERN TERRITORY ESTIMATED. DURING DECEMBER 1974 THE CYCLONE IN DARWIN  
CAUSED SOME MINOR LOSS OF RECORDS.



JOB VACANCIES REGISTERED  
WITH COMMONWEALTH EMPLOYMENT SERVICE - TOTAL  
(SOURCE OF ORIGINAL DATA - DEPARTMENT OF EMPLOYMENT AND YOUTH AFFAIRS)  
NUMBER



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	43965	39708	37809	37337	37461	35940	37766	43616	51156	56964	67661	61482
1965	62488	56318	52409	48728	47125	44689	44396	47607	52866	59255	65337	60351
1966	58860	49219	39015	36864	35492	33021	34571	37432	41223	50768	55513	52037
1967	49854	42587	38752	36652	32011	29335	29235	31995	35019	38320	41370	45420
1968	46622	38396	34987	31468	30562	28722	30228	33765	37640	41297	43855	47086
1969	46321	40745	38635	35602	35379	34996	38312	42399	46736	54012	56483	61437
1970	64749	58258	54507	49495	44446	39865	40140	42538	47236	51814	58468	59554
1971	64287	49979	40537	36442	34426	31771	33212	34673	35764	40534	42986	45370
1972	42860	33873	29103	27986	25710	24486	25479	28158	32588	36930	38508	43404
1973	55415	52680	50490	48327	53499	54508	58252	69660	79322	85686	80937	79121
1974	90531	91843	87552	81258	73867	62180	50523	43649	41253	40036	40414	40305A
1975	42483	38384	34493	31299	28768	25517	25528	26155	26007	25042	28378	29254
1976	35207	31012	22976	21659	20909	19194	19153	20963	23368	24386	25499	26544
1977	30388	28870	23468	21008	19894	19129	19086	20375	19878	21099	20256	19963
1978	24868	22257	19523	18568	17904	17203	18300	18055	19182	20714	19314	18011
1979	24929	24934	21423									
SEASONALLY ADJUSTED												
1964	35906	38084	40085	42979	45530	46332	47557	49429	51842	49881	52144	50842
1965	50867	54236	56033	56895	57298	57787	56229	53896	53516	51724	49957	49513
1966	47438	47514	41657	42994	43070	42606	43580	42862	42235	44225	42406	42515
1967	39706	40571	41076	42814	38787	37582	36426	36146	35475	35370	35050	35902
1968	37162	36106	36446	35991	36501	36545	37118	37879	38305	37970	37586	37415
1969	37120	37951	39905	40559	42226	44327	46732	47355	47622	49587	49311	49930
1970	51751	54093	56421	56140	52863	50210	48767	47623	48373	47709	51354	49288
1971	50842	45862	41340	40726	39701	39025	39761	38664	36870	37952	37849	35397
1972	33215	30704	29420	30891	29113	29691	30531	31566	33772	35056	35649	38021
1973	44946	47175	50055	51900	58906	64291	68790	77143	81906	82716	78110	74305
1974	73433	80847	87407	88587	81024	73690	60450	49013	43616	39465	38227	36144A
1975	33264	33216	34493	33065	30827	29413	29695	28676	27149	24938	22728	27023
1976	27587	26429	22543	22798	22307	21954	21974	22783	24565	24402	24334	24144
1977	23729	24714	23543	22681	22062	22854	22451	22806	21372	21201	19281	18561
1978	19071	19055	20127	20788	20789	21512	22189	20576	20717	20809	18429	16835
1979	19033	21151	22263									

NOTE - THERE IS SOME EVIDENCE OF A CHANGING SEASONAL PATTERN IN THE JUNIOR SERIES FOR JOB VACANCIES. PARTICULAR CARE SHOULD BE EXERCISED IN INTERPRETING INDIVIDUAL MONTH-TO-MONTH MOVEMENTS.  
(A) NORTHERN TERRITORY ESTIMATED. DURING DECEMBER 1974 THE CYCLONE IN DARWIN CAUSED SOME MINOR LOSS OF RECORDS.



FACTORY OVERTIME  
(SOURCE OF ORIGINAL DATA - DEPARTMENT OF EMPLOYMENT AND YOUTH AFFAIRS)

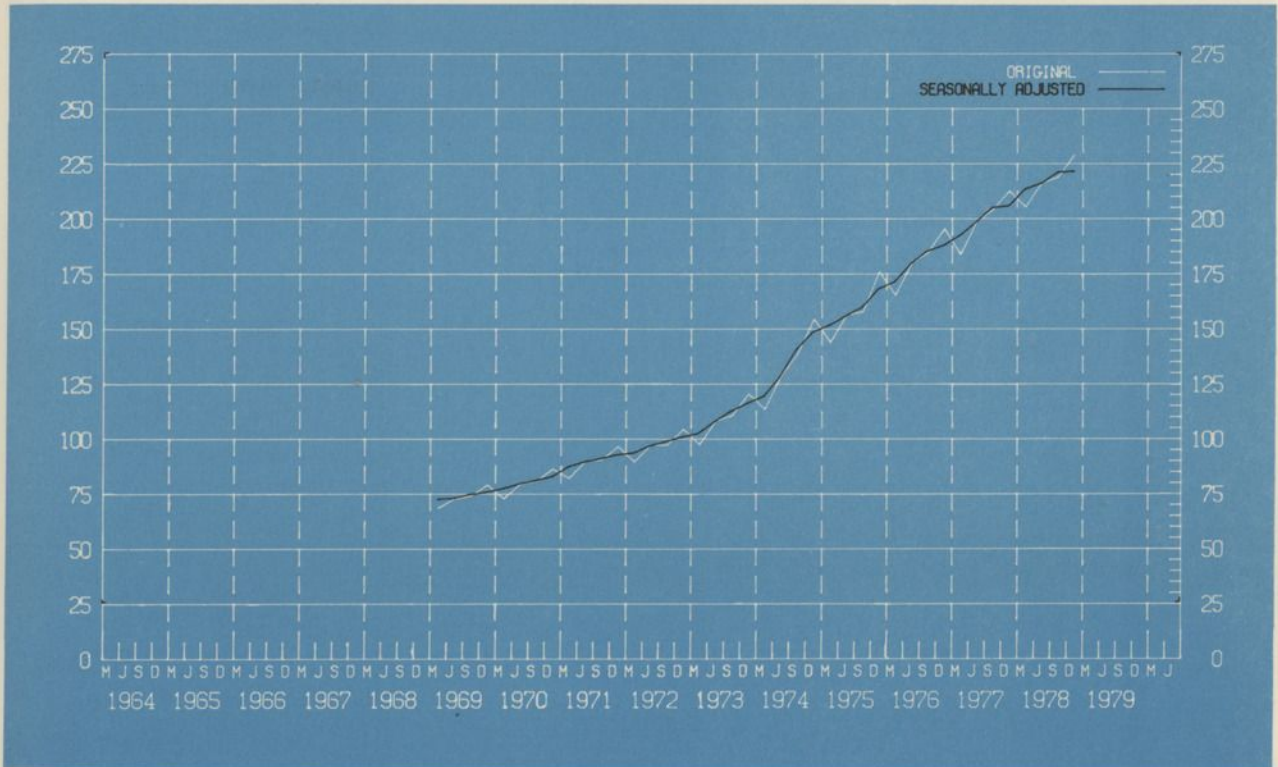
HOURS

[illegible][illegible]



## AVERAGE WEEKLY EARNINGS PER EMPLOYED MALE UNIT

\$



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1969	68.50	72.80	74.10	79.00
1970	72.70	79.40	80.90	86.30
1971	82.00	89.80	90.50	96.50
1972	89.50	97.20	97.10	104.40
1973	97.40	108.20	110.60	120.40
1974	113.30	128.70	138.40	154.40
1975	143.80	156.40	157.60	175.70
1976	165.30	179.80	184.80	195.40
1977	183.80	198.70	204.10	212.50
1978	205.10	216.30	218.90	228.90

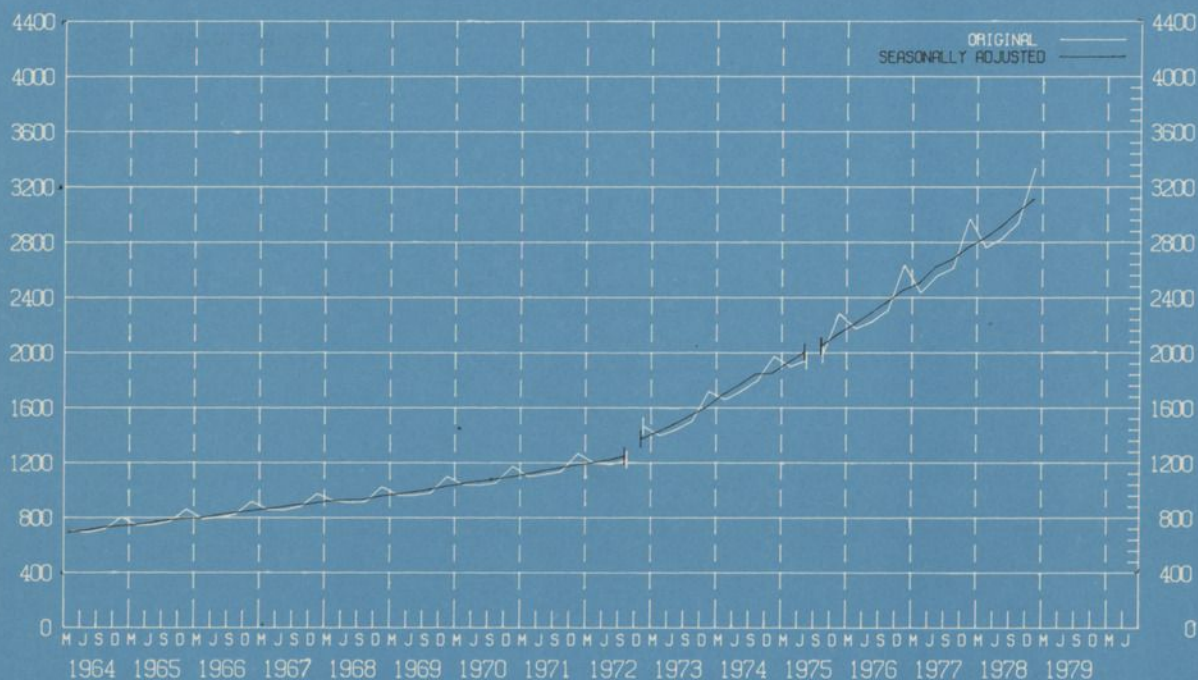
## SEASONALLY ADJUSTED

1969	72.00	72.40	74.20	75.30
1970	76.90	79.00	80.60	82.20
1971	86.70	89.00	90.50	92.20
1972	93.00	96.20	98.30	100.40
1973	101.90	107.30	112.00	115.60
1974	118.80	127.70	140.00	148.00
1975	151.00	155.30	159.10	167.50
1976	170.70	179.00	184.70	187.40
1977	192.00	198.00	204.50	205.20
1978	213.00	215.60	220.60	221.00



QUARTERLY RETAIL SALES (A) - FOOD AND DRINK  
AT CURRENT PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	697.6	692.9	716.9	797.5
1965	740.9	748.2	770.2	857.3
1966	788.6	799.6	821.4	913.5
1967	855.0	853.8	879.6	970.1
1968	922.1	907.4	914.2	1021.7
1969	962.5	962.9	979.2	1097.7
1970	1037.5	1035.1	1052.9	1174.8
1971	1098.7	1114.0	1135.6	1265.7
1972	1197.0	1186.2	1220.2	1466.1B
1973	1396.0	1439.7	1500.1	1715.1
1974	1657.5	1719.3	1796.3	1970.0
1975	1898.1	1941.5	1986.2B	2281.5
1976	2172.3	2222.9	2305.7	2632.0
1977	2431.2	2554.5	2611.0	2967.8
1978	2760.1	2826.4	2943.8	3330.5
SEASONALLY ADJUSTED				
1964	697.3	716.8	734.7	746.8
1965	754.9	770.3	787.3	801.5
1966	804.6	823.3	839.3	854.0
1967	867.9	883.1	899.7	909.8
1968	928.0	933.5	937.3	960.9
1969	975.2	989.9	1008.9	1029.6
1970	1049.2	1068.6	1082.1	1099.2
1971	1119.8	1144.0	1164.0	1183.2
1972	1202.9	1220.7	1249.7	1374.8B
1973	1421.6	1478.0	1540.5	1603.8
1974	1693.7	1764.8	1841.3	1847.4
1975	1925.5	2001.5	2044.8B	2130.6
1976	2202.3	2279.3	2361.6	2447.7
1977	2501.0	2618.0	2672.9	2759.6
1978	2826.4	2909.8	3014.9	3106.0

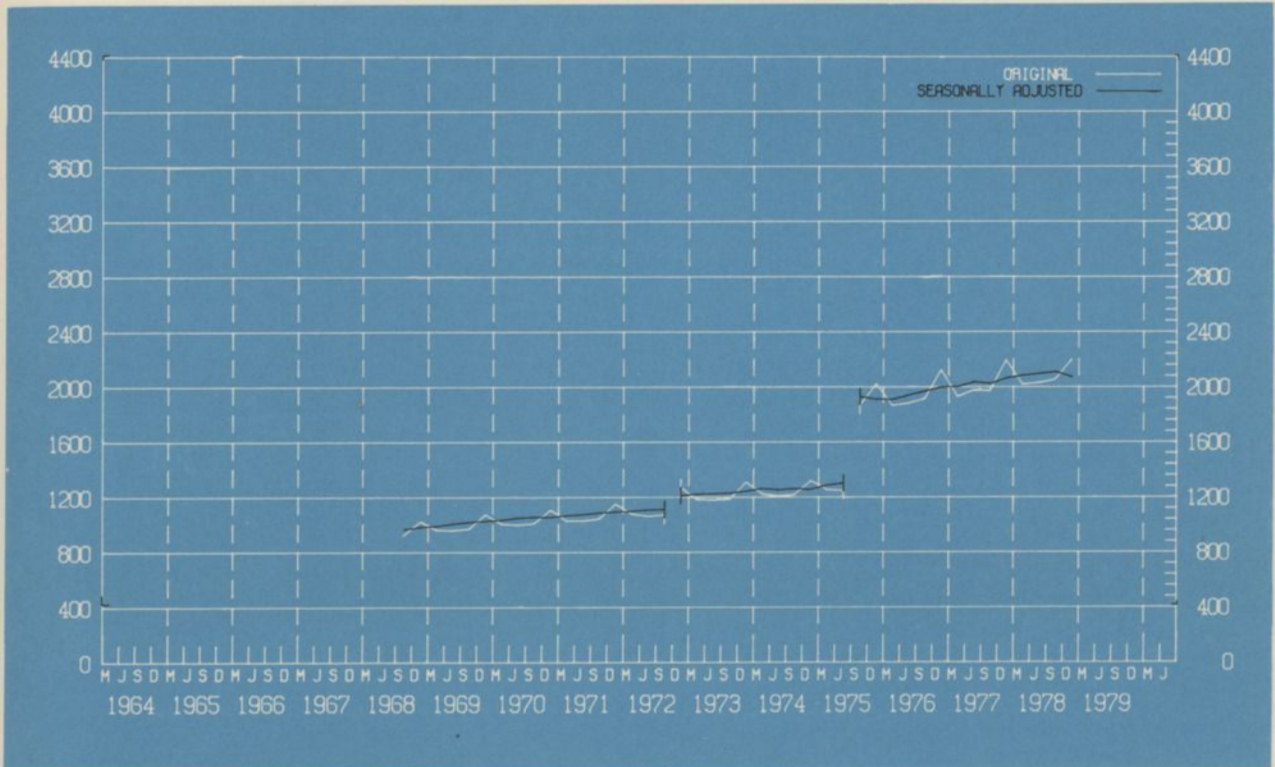
(A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.



QUARTERLY RETAIL SALES (A) - FOOD AND DRINK  
AT CONSTANT PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1968			921.0B	1021.8
1969	959.6	958.9	967.5	1071.7
1970	1004.2	996.5	1008.3	1105.7
1971	1025.9	1026.3	1039.3	1147.1
1972	1074.3	1057.0	1067.9	1268.3C
1973	1180.8	1175.2	1180.7	1306.0
1974	1217.6	1203.6	1213.9	1315.7
1975	1247.6	1245.8	1861.7D	2018.6
1976	1862.1	1878.6	1911.0	2120.2
1977	1926.7	1974.9	1967.3	2190.5
1978	2014.6	2025.6	2050.8	2191.4

SEASONALLY ADJUSTED

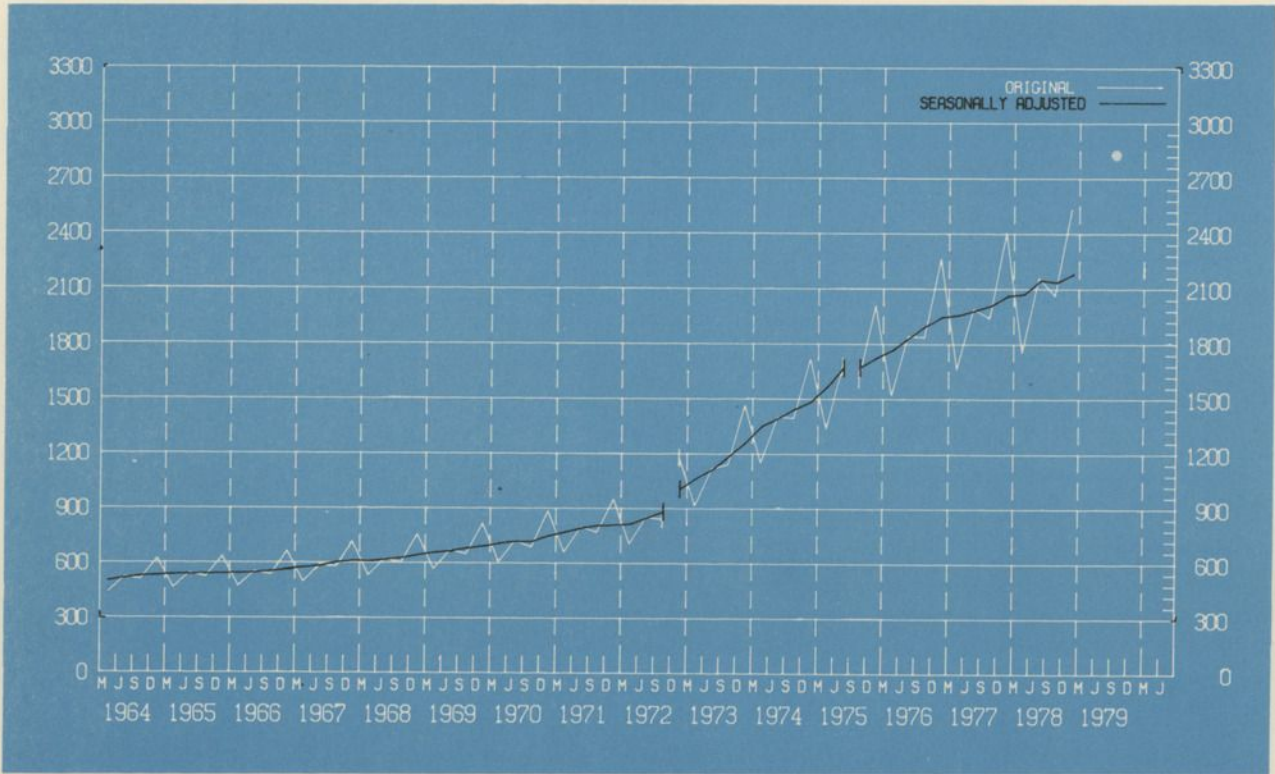
1968			945.8B	961.4
1969	971.0	985.6	997.6	1005.5
1970	1014.8	1028.5	1036.5	1034.8
1971	1045.2	1053.8	1065.0	1073.2
1972	1079.0	1087.8	1092.8	1191.2C
1973	1201.8	1206.1	1210.8	1224.3
1974	1243.8	1234.2	1241.6	1237.9
1975	1266.0	1282.2	1910.9D	1892.8
1976	1889.3	1922.0	1950.3	1980.6
1977	1984.7	2018.5	2006.1	2046.4
1978	2066.7	2078.8	2091.8	2053.4

- (A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.  
 (B) UP TO JUNE QUARTER 1975 AT AVERAGE 1968-69 PRICES.  
 (C) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.  
 (D) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES. FROM SEPTEMBER QUARTER 1975 AT AVERAGE 1974-75 PRICES.



QUARTERLY RETAIL SALES (A) - CLOTHING, HARDWARE, ELECTRICAL AND FURNITURE  
AT CURRENT PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	437.7	522.4	509.6	622.0
1965	461.9	543.9	522.5	633.8
1966	470.3	551.3	533.3	662.5
1967	495.0	589.0	579.6	715.9
1968	530.3	620.8	602.1	755.3
1969	567.0	668.3	649.6	814.7
1970	607.1	721.9	687.1	884.8
1971	659.3	796.0	769.9	950.1
1972	706.7	852.5	841.4	1178.5B
1973	914.4	1118.9	1139.3	1464.7
1974	1151.2	1400.7	1395.7	1716.8
1975	1337.1	1680.7	1608.4B	2009.3
1976	1519.8	1841.5	1836.3	2263.6
1977	1662.7	1990.9	1940.7	2402.4
1978	1755.3	2159.5	2063.6	2530.3

SEASONALLY ADJUSTED

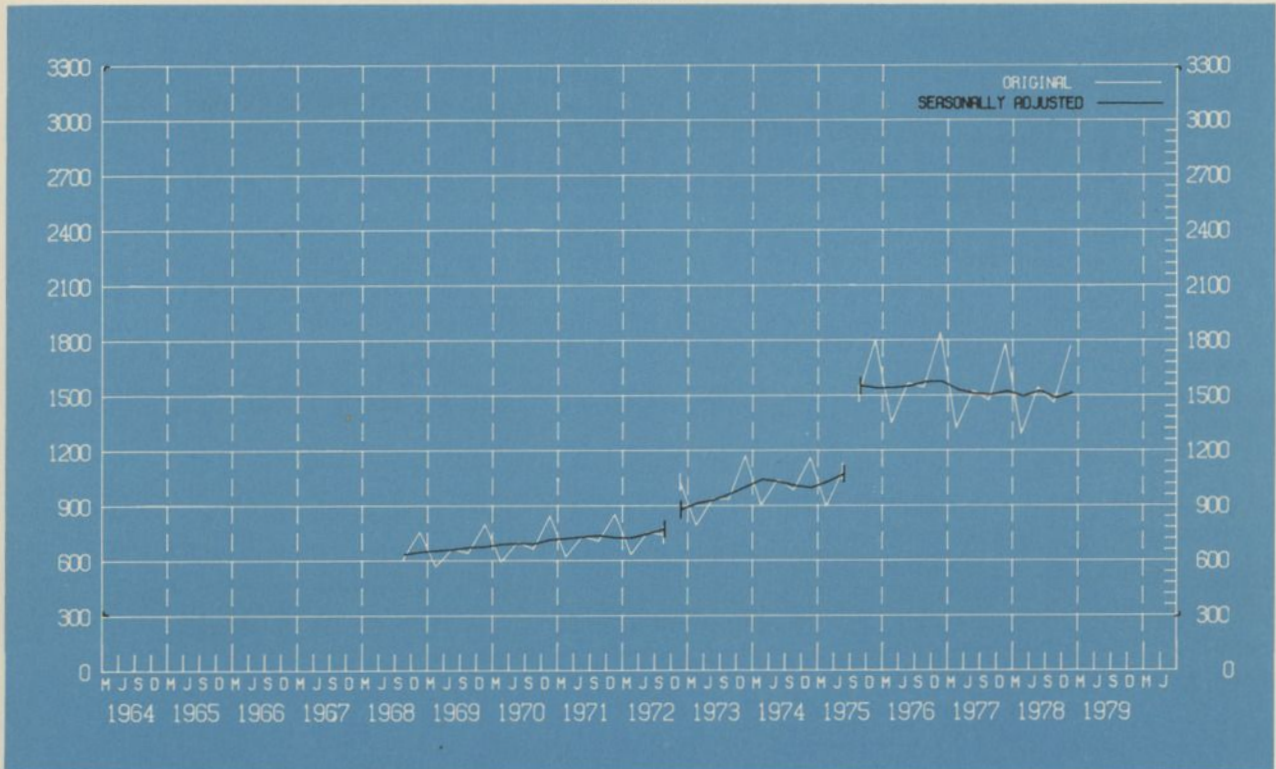
1964	501.2	517.0	527.6	532.8
1965	536.3	540.0	541.6	542.7
1966	545.1	548.2	555.2	565.2
1967	575.7	585.1	603.9	611.6
1968	608.8	618.2	627.3	644.2
1969	656.3	665.2	681.2	690.0
1970	708.6	716.7	717.0	749.2
1971	768.3	791.1	804.1	806.8
1972	813.5	845.7	881.1	1003.5B
1973	1061.1	1109.8	1180.0	1255.1
1974	1345.0	1389.1	1437.9	1476.9
1975	1560.1	1663.5	1665.0B	1716.1
1976	1759.5	1826.1	1889.3	1937.3
1977	1948.5	1974.0	2002.9	2052.9
1978	2064.2	2137.5	2128.1	2169.8

(A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.  
(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.



QUARTERLY RETAIL SALES (A) - CLOTHING, HARDWARE, ELECTRICAL AND FURNITURE  
AT CONSTANT PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1968			608.1B	756.7
1969	565.2	662.7	641.1	798.7
1970	591.9	697.4	663.0	842.8
1971	619.4	731.5	705.2	852.2
1972	632.2	751.8	738.8	1029.7C
1973	792.6	936.3	933.0	1168.4
1974	900.9	1037.9	983.1	1156.0
1975	892.6	1083.4	1509.3D	1799.5
1976	1345.5	1563.0	1542.3	1838.5
1977	1318.6	1521.8	1470.7	1779.4
1978	1285.1	1539.6	1456.7	1763.0

SEASONALLY ADJUSTED

1968			632.7B	645.9
1969	653.5	660.6	671.3	677.1
1970	689.6	693.9	690.9	714.5
1971	719.5	728.7	735.9	724.9
1972	724.4	747.5	773.1	879.3C
1973	914.2	930.9	965.6	1005.0
1974	1045.3	1032.1	1011.1	999.0
1975	1034.0	1075.7	1557.7D	1544.5
1976	1547.1	1556.0	1579.4	1581.9
1977	1535.3	1515.7	1509.3	1528.9
1978	1501.8	1531.5	1493.0	1520.2

(A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.

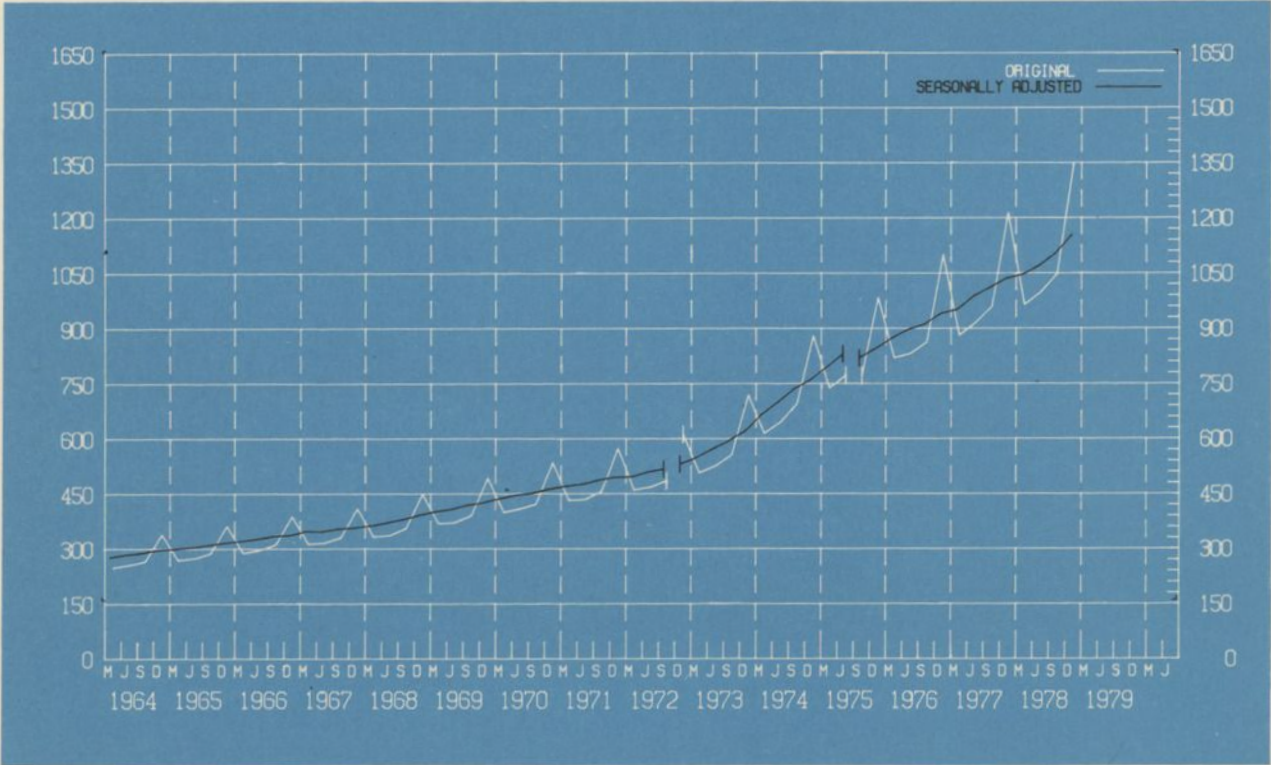
(B) UP TO JUNE QUARTER 1975 AT AVERAGE 1968-69 PRICES.

(C) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

(D) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES. FROM SEPTEMBER QUARTER 1975 AT AVERAGE 1974-75 PRICES.



QUARTERLY RETAIL SALES (A) - ALL OTHER GOODS  
(EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.)  
AT CURRENT PRICES  
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	247.6	256.0	265.8	338.8
1965	267.9	273.8	286.3	362.2
1966	287.5	295.2	310.9	387.5
1967	312.0	315.6	330.3	409.5
1968	332.1	336.0	355.2	448.6
1969	367.9	370.9	390.2	491.7
1970	398.9	408.1	421.9	534.2
1971	431.6	434.6	455.8	572.1
1972	459.6	467.1	485.5	611.2B
1973	506.3	525.6	556.6	718.8
1974	613.6	645.2	694.7	879.0
1975	737.1	772.0	770.2B	983.3
1976	819.1	830.7	862.0	1099.5
1977	880.5	914.8	958.8	1213.2
1978	963.7	997.5	1047.7	1345.0

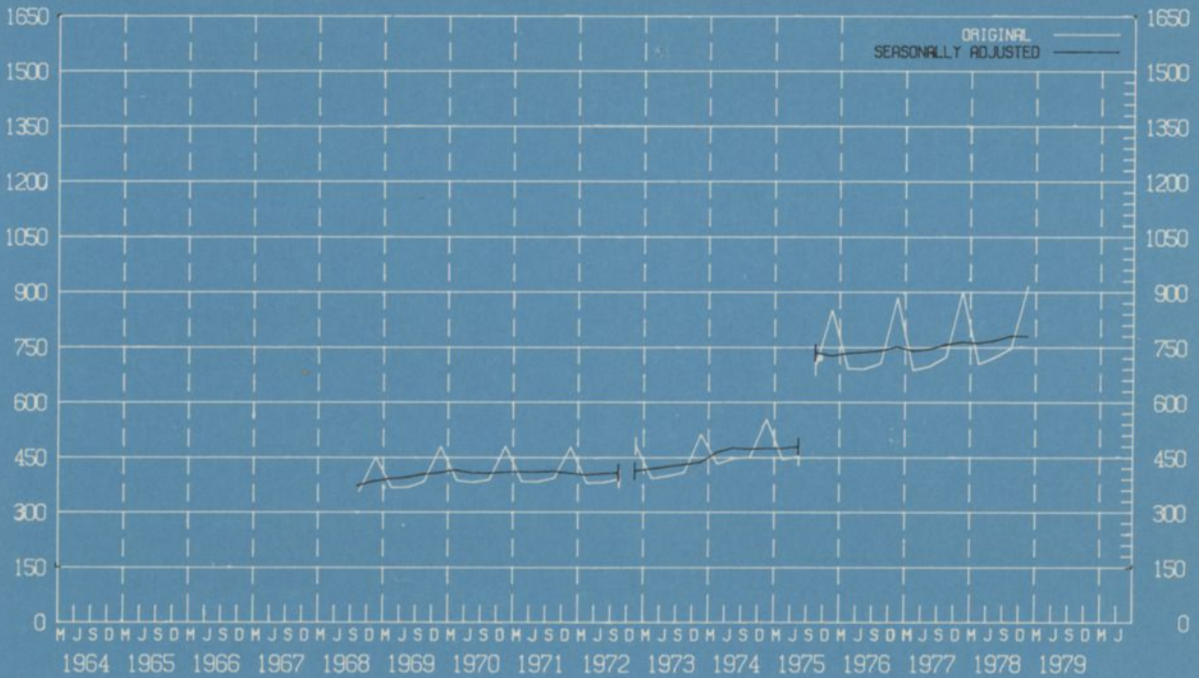
SEASONALLY ADJUSTED

1964	265.3	272.6	277.9	286.6
1965	289.0	293.3	299.1	305.8
1966	310.4	316.7	324.2	327.2
1967	337.8	337.4	344.3	348.0
1968	352.2	361.2	370.8	382.3
1969	391.9	398.6	410.5	417.2
1970	428.5	436.4	442.2	453.3
1971	461.5	466.2	477.7	485.0
1972	486.5	499.5	507.6	521.5B
1973	539.0	562.8	585.3	610.9
1974	656.2	690.7	727.2	752.1
1975	786.6	822.6	811.8B	837.0
1976	865.3	889.3	903.7	932.6
1977	943.8	979.1	1003.3	1028.1
1978	1038.7	1062.6	1095.9	1145.9

(A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.  
(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.



QUARTERLY RETAIL SALES (A) - ALL OTHER GOODS  
(EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.)  
AT CONSTANT PRICES  
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1968			356.7B	450.5
1969	367.1	368.2	384.0	479.9
1970	386.5	382.1	388.2	480.2
1971	383.7	383.1	393.4	477.4
1972	379.4	380.5	390.5	481.2C
1973	392.6	399.0	409.6	512.1
1974	432.3	447.2	451.0	553.6
1975	444.0	452.6	696.7D	851.6
1976	691.4	690.2	705.9	884.1
1977	686.8	697.6	723.0	900.6
1978	703.4	722.3	746.7	914.2

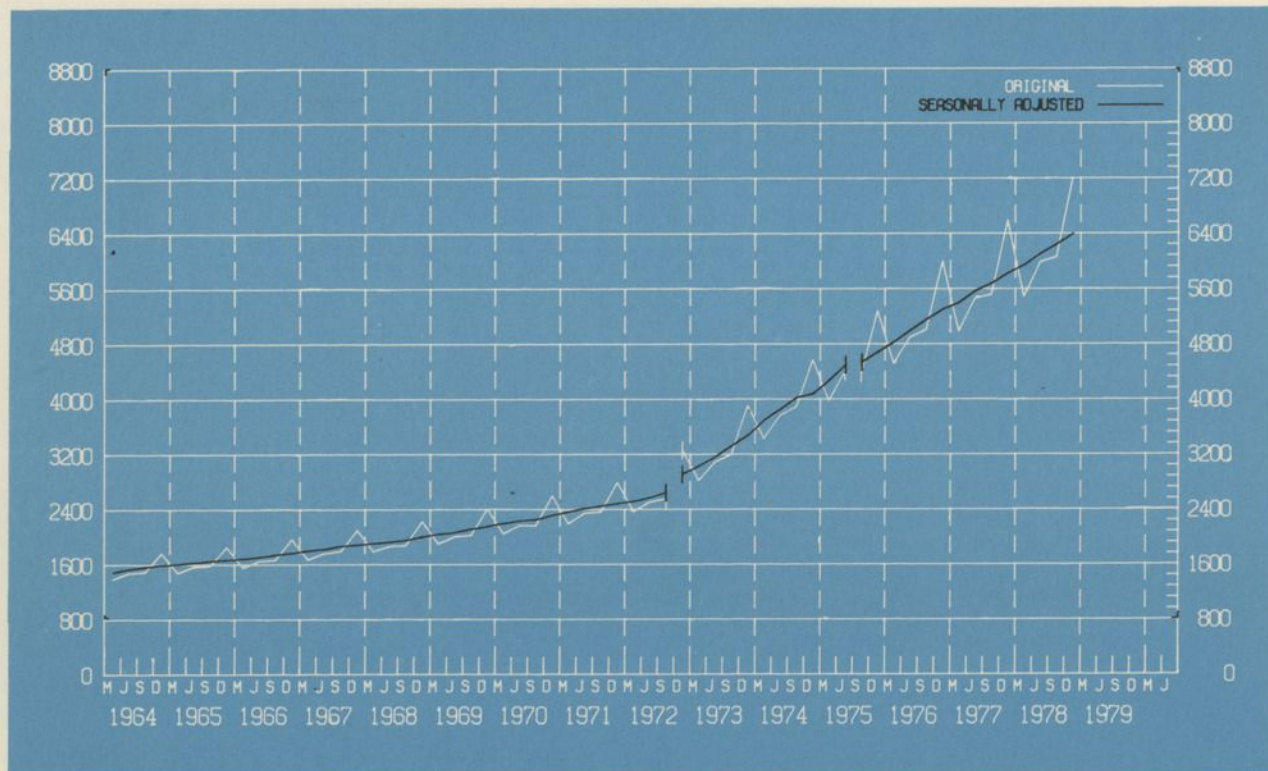
## SEASONALLY ADJUSTED

1968			371.9B	384.4
1969	391.4	395.1	403.4	408.1
1970	415.4	407.7	406.1	408.7
1971	410.5	409.6	411.7	406.2
1972	402.0	404.9	408.0	412.2C
1973	418.6	424.6	430.8	436.7
1974	463.3	475.7	472.3	474.9
1975	475.1	479.4	734.6D	725.9
1976	732.8	735.5	739.8	750.5
1977	738.7	744.1	755.8	763.6
1978	760.7	767.6	780.0	779.2

- (A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.  
 (B) UP TO JUNE QUARTER 1975 AT AVERAGE 1968-69 PRICES.  
 (C) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.  
 (D) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES. FROM SEPTEMBER QUARTER 1975 AT AVERAGE 1974-75 PRICES.



QUARTERLY RETAIL SALES (A) - ALL ITEMS  
(EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.)  
AT CURRENT PRICES  
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	1382.9	1471.3	1492.3	1758.3
1965	1470.7	1565.9	1579.0	1853.3
1966	1546.4	1646.1	1665.6	1963.5
1967	1662.0	1758.4	1789.5	2095.5
1968	1784.5	1864.2	1871.5	2225.6
1969	1897.4	2002.1	2019.0	2404.1
1970	2043.5	2165.1	2161.9	2593.8
1971	2189.6	2344.6	2361.3	2787.9
1972	2363.3	2505.8	2547.1	3255.8B
1973	2816.7	3084.2	3196.0	3898.6
1974	3422.3	3765.2	3886.7	4565.8
1975	3972.3	4394.2	4364.8B	5274.1
1976	4511.2	4895.1	5004.0	5995.1
1977	4974.4	5460.2	5510.5	6583.4
1978	5479.1	5983.4	6055.1	7205.8

## SEASONALLY ADJUSTED

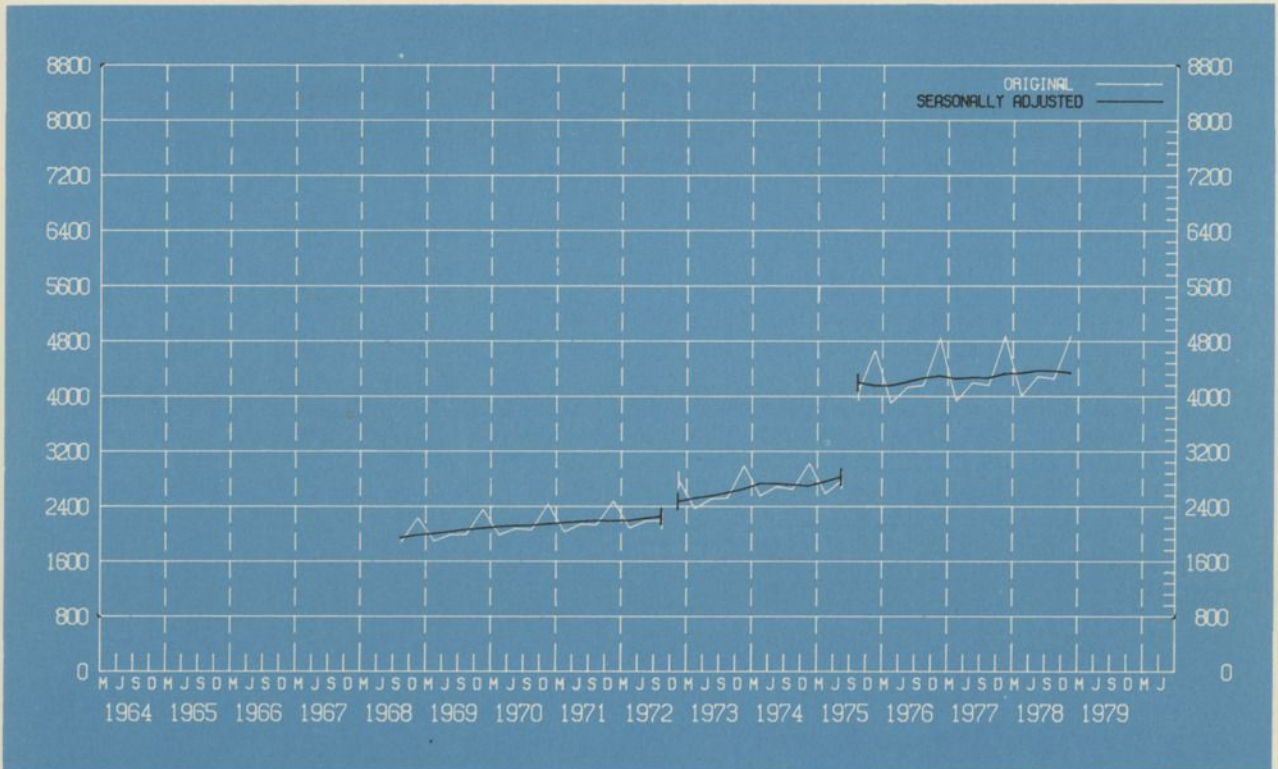
1964	1461.9	1506.8	1541.7	1566.5
1965	1579.0	1603.9	1627.4	1649.0
1966	1660.3	1687.8	1718.1	1746.3
1967	1781.6	1805.3	1848.4	1868.5
1968	1889.8	1912.9	1936.0	1988.1
1969	2022.8	2053.7	2100.2	2138.7
1970	2185.8	2221.3	2241.1	2301.2
1971	2351.8	2401.6	2441.5	2474.2
1972	2506.8	2565.5	2634.6	2900.4B
1973	3021.8	3153.8	3314.1	3462.3
1974	3689.1	3848.0	4016.5	4071.2
1975	4267.9	4491.6	4528.9B	4681.1
1976	4827.2	4997.3	5156.8	5305.5
1977	5401.1	5571.5	5680.1	5827.6
1978	5944.9	6108.8	6245.2	6397.9

(A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.



QUARTERLY RETAIL SALES (A) - ALL ITEMS  
(EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.)  
AT CONSTANT PRICES  
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1968			1885.8B	2229.0
1969	1891.9	1989.8	1992.6	2350.3
1970	1982.6	2076.0	2059.5	2428.7
1971	2029.0	2140.9	2137.9	2476.7
1972	2085.9	2189.3	2197.2	2779.2C
1973	2366.0	2510.5	2523.3	2986.5
1974	2550.8	2688.7	2648.0	3025.3
1975	2584.2	2781.8	4067.7D	4669.7
1976	3899.0	4131.8	4159.2	4842.8
1977	3932.1	4194.3	4161.0	4870.5
1978	4003.1	4287.5	4254.2	4868.6

## SEASONALLY ADJUSTED

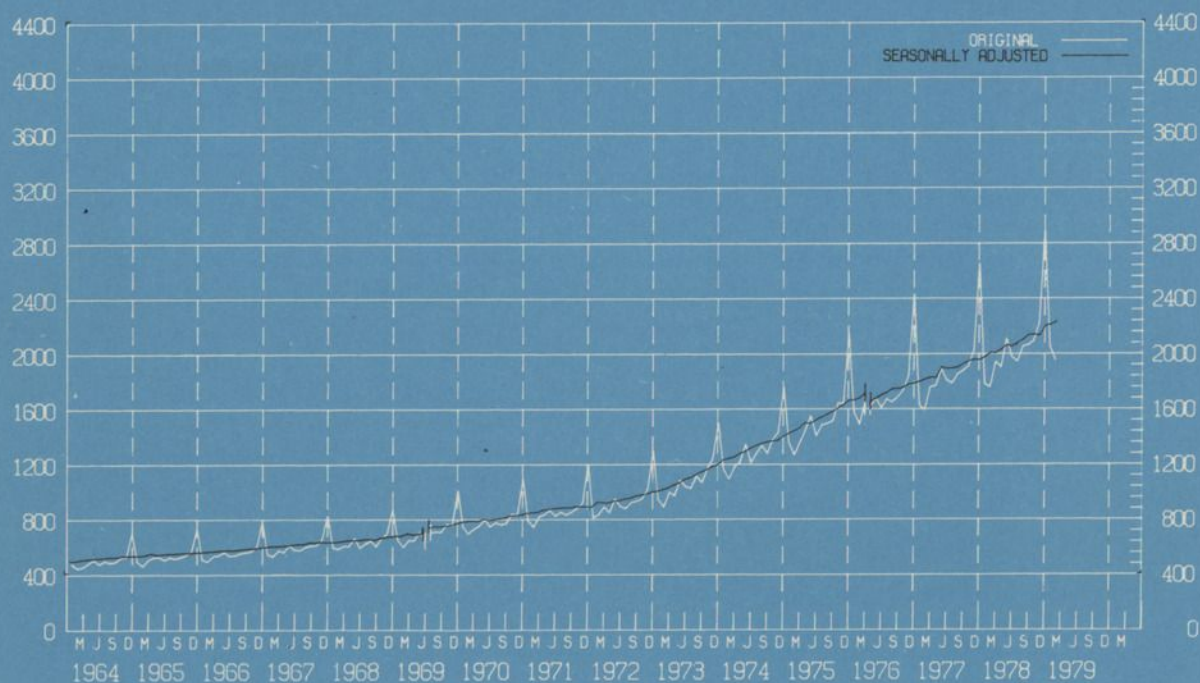
1968			1953.0B	1992.0
1969	2013.7	2041.5	2073.8	2092.3
1970	2117.9	2130.0	2134.8	2157.8
1971	2176.3	2192.5	2209.1	2203.3
1972	2208.6	2240.3	2269.8	2484.8C
1973	2532.8	2564.8	2611.8	2664.2
1974	2743.7	2744.8	2729.8	2710.8
1975	2771.1	2840.5	4208.3D	4164.7
1976	4165.7	4215.1	4271.2	4305.6
1977	4264.7	4278.4	4272.2	4330.3
1978	4339.8	4376.9	4369.6	4341.3

- (A) EXCLUDES NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.  
 (B) UP TO JUNE QUARTER 1975 AT AVERAGE 1968-69 PRICES.  
 (C) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.  
 (D) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES. FROM SEPTEMBER QUARTER 1975 AT AVERAGE 1974-75 PRICES.



MONTHLY RETAIL SALES (A) - ALL ITEMS  
(EXCLUDING MOTOR VEHICLES, PARTS, PETROL, ETC.)

\$ MILLION



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	476.8	448.8	457.3	484.3	509.9	477.1	502.9	490.8	498.6	528.7	532.0	697.6
1965	496.7	466.0	508.0	527.4	530.4	508.1	530.6	519.1	529.3	545.6	567.1	740.6
1966	510.5	497.9	538.0	542.1	566.0	538.0	543.4	557.1	565.1	569.6	603.7	790.2
1967	548.5	534.6	578.9	563.4	613.5	581.5	578.6	601.9	609.0	614.1	656.4	825.0
1968	595.0	584.4	605.1	604.7	666.5	593.0	623.1	645.0	603.4	663.1	695.3	867.2
1969	652.6	597.3	647.5	646.2	710.8	645.1	704.8B	709.8	706.0	764.1	754.9	1007.9
1970	742.6	692.6	726.4	752.9	798.5	744.2	773.4	757.5	769.9	838.6	828.9	1089.0
1971	786.7	740.3	820.1	831.2	862.2	822.8	849.4	829.3	849.1	877.6	913.8	1193.0
1972	811.3	829.9	888.9	845.4	946.7	890.5	876.1	920.9	929.7	948.8	1015.6	1291.4
1973	937.9	885.2	993.6	969.3	1081.9	1032.9	1021.1	1111.0	1063.9	1163.7	1239.4	1495.5
1974	1157.3	1087.4	1177.6	1214.7	1341.1	1209.4	1278.6	1334.8	1273.3	1379.9	1429.4	1756.5
1975	1354.6	1263.6	1354.1	1442.0	1548.0	1404.2	1484.4	1494.3	1512.1	1644.2	1637.3	2149.1
1976	1576.1	1486.5	1645.9	1613.3B	1673.8	1608.0	1669.5	1648.9	1685.6	1731.4	1833.3	2430.4
1977	1628.2	1589.2	1757.0	1765.4	1889.1	1805.7	1784.9	1849.7	1875.9	1910.6	2021.8	2651.0
1978	1780.0	1758.5	1940.6	1900.9	2108.2	1974.3	1941.2	2052.5	2061.4	2091.0	2223.6	2891.2
1979	2049.0	1953.0										
SEASONALLY ADJUSTED												
1964	487.6	483.9	493.2	497.4	502.1	504.2	509.0	513.4	514.4	517.1	523.3	524.2
1965	524.3	525.8	531.3	541.0	529.2	536.2	539.1	542.4	544.2	546.5	546.5	549.4
1966	551.1	556.0	557.7	560.2	564.3	565.8	566.2	570.1	575.6	578.3	580.2	586.4
1967	590.7	596.9	596.3	597.7	599.2	605.0	612.4	612.3	624.5	622.8	628.2	626.1
1968	626.9	626.8	632.9	635.3	639.8	639.5	647.0	649.8	640.6	654.4	661.9	666.5
1969	671.9	667.4	686.3	678.7	680.8	696.4	727.0B	735.7	734.0	740.3	747.0	758.8
1970	767.1	772.8	776.9	774.3	789.2	782.6	785.8	791.2	800.7	815.4	818.3	819.6
1971	831.4	834.2	839.2	953.2	859.8	864.4	868.1	871.8	872.0	878.6	879.3	878.7
1972	873.6	907.8	906.5	904.1	918.9	919.5	932.1	937.1	953.2	961.8	967.6	984.0
1973	988.7	1000.7	1013.5	1033.9	1047.3	1073.6	1085.4	1108.5	1129.3	1144.3	1166.9	1178.9
1974	1216.7	1226.7	1236.4	1260.7	1275.0	1300.6	1320.1	1335.7	1346.1	1353.9	1356.0	1386.0
1975	1407.6	1426.2	1445.1	1484.0	1477.4	1503.3	1527.0	1543.6	1564.3	1589.1	1613.3	1645.1
1976	1648.9	1663.6	1699.5	1638.6B	1662.7	1685.0	1703.2	1730.0	1732.1	1739.5	1763.6	1773.0
1977	1784.0	1799.6	1813.7	1793.7	1867.1	1859.1	1872.5	1878.5	1902.8	1931.2	1941.0	1935.8
1978	1767.2	1999.3	1995.0	2024.6	2057.5	2048.8	2071.2	2094.3	2124.8	2149.0	2137.0	2194.0
1979	2207.0	2225.0										

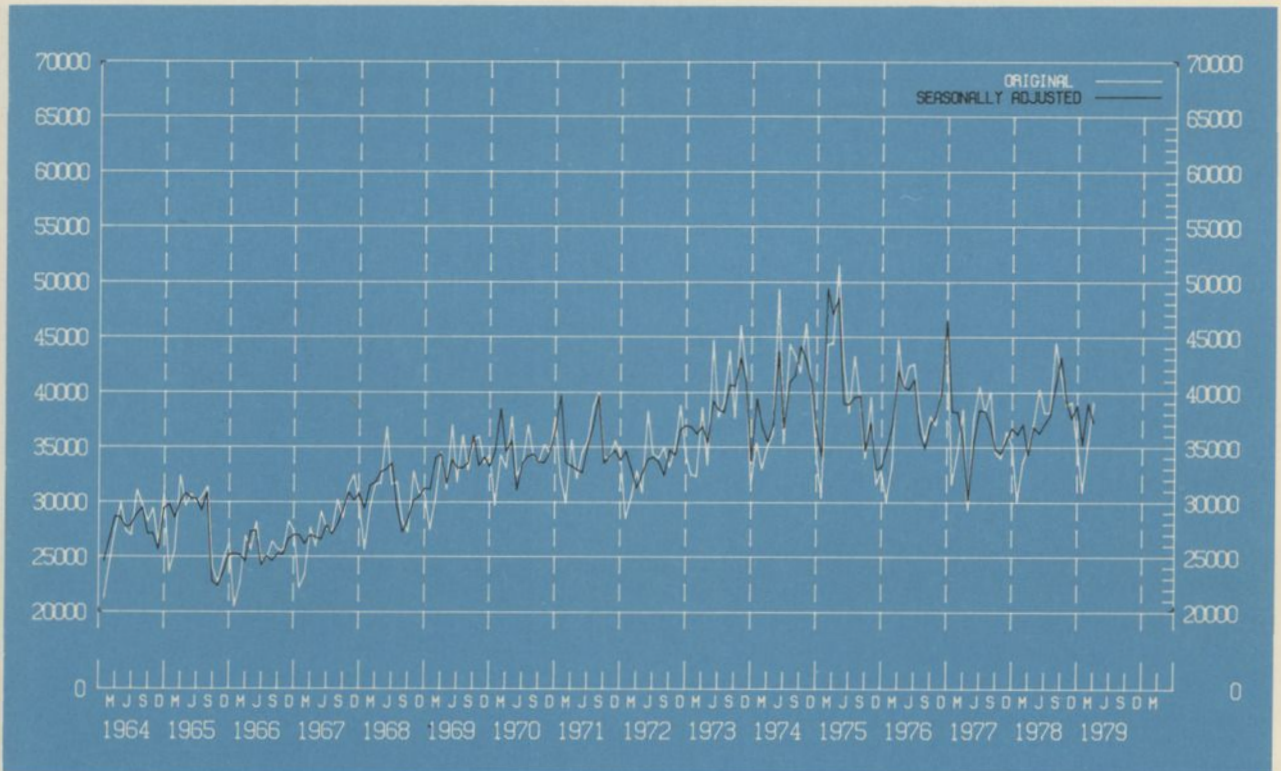
(A) EXCLUDES SALES IN NORTHERN TERRITORY AND AUSTRALIAN CAPITAL TERRITORY.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.



## REGISTRATIONS OF NEW MOTOR VEHICLES - CARS AND STATION WAGONS

NUMBER



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	21252	24563	27608	29877	27349	26947	31068	29703	28239	29415	26168	30834
1965	23706	25658	32399	29681	30733	29940	30554	31393	23973	22676	24738	26304
1966	20496	22605	26937	25646	28207	24525	24945	26398	25684	25584	28257	27404
1967	22187	23363	27696	25975	29144	27529	27331	30210	28553	31442	32476	29635
1968	25675	29703	31643	31700	36823	31567	31825	28235	27243	32772	30870	30780
1969	27506	30314	34530	31185	36999	31826	36084	32942	35616	36008	33548	34321
1970	29722	34331	33091	37809	32378	33432	37031	34233	33656	35255	34375	37748
1971	32305	29914	35699	32151	34567	35634	38732	40038	34135	34004	35615	34430
1972	28585	30497	32883	30925	38280	34398	34000	35010	33221	34836	38828	34389
1973	32518	32356	38615	33436	44747	37783	39070	43796	37704	46086	42167	31647
1974	35397	33047	35059	36266	49407	35344	44371	43428	41854	46263	40698	34464
1975	30445	44388	44421	51553	42654	38181	43333	39422	34028	39613	31711	32875
1976	30132	33412	44789	40365	42347	42610	38231	35549	37837	36988	40278	46165
1977	31627	34513	38453	29303	37645	40514	38123	40057	34516	33975	36450	35177
1978	30126	33615	34880	37108	40279	38133	38175	44459	41587	38780	39129	35199
1979	30935	35404	38970									

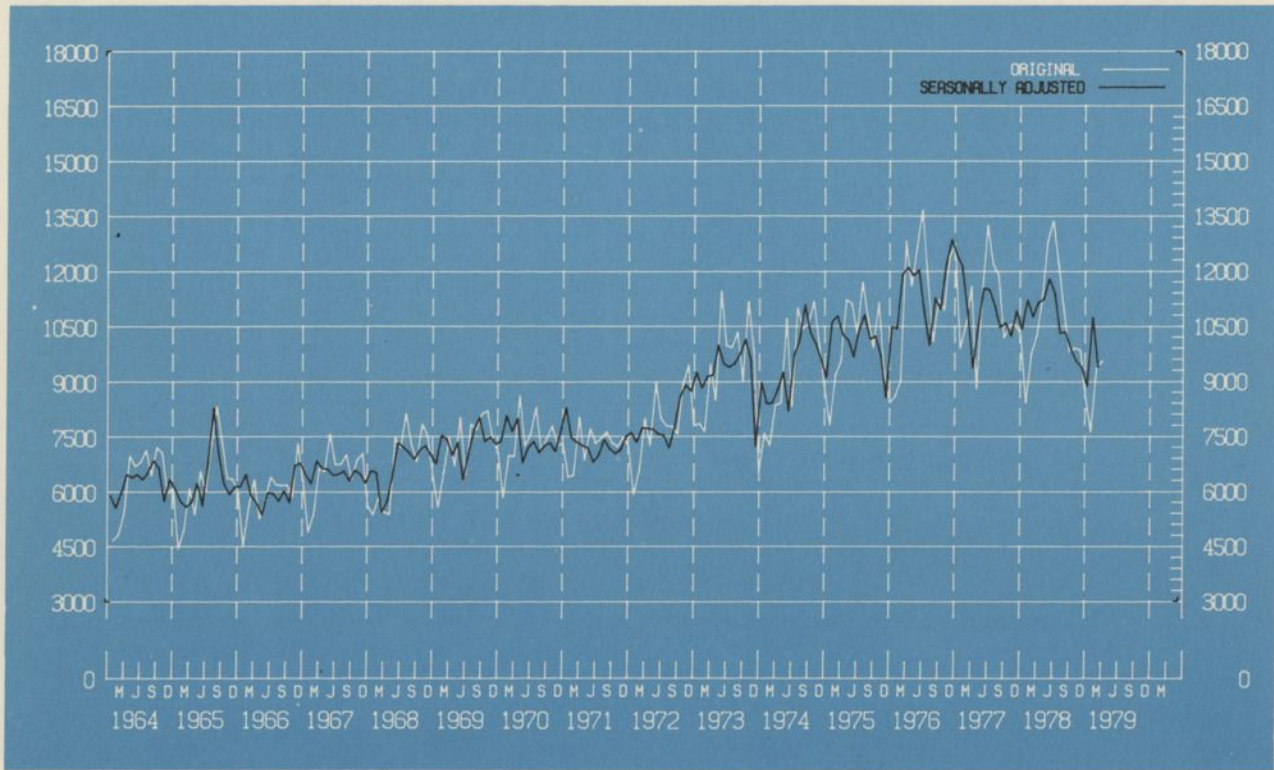
## SEASONALLY ADJUSTED

1964	24554	26631	28625	28513	27650	27827	28844	29419	27043	27111	25592	29393
1965	29748	28516	29910	30749	30330	30255	29192	30817	22705	22333	23537	25147
1966	25228	25159	24525	27281	27359	24181	25024	24560	25232	25152	26579	26939
1967	26902	26102	26935	26696	26521	27768	26965	27839	29192	30815	30068	30655
1968	29323	31479	31723	32680	32916	33479	29446	27145	28358	30060	30419	31185
1969	31077	33962	34304	31596	33755	33038	33016	33492	35980	33236	34028	33133
1970	34563	38427	34486	35524	30972	33498	34103	34269	33522	33466	34414	36352
1971	39606	33460	33159	32826	32528	35044	36796	39604	33426	34021	34580	33673
1972	34532	32898	31141	32448	33797	33984	33507	32295	34628	34115	36518	36861
1973	36705	36068	36784	35306	39066	38260	38047	40587	40414	43008	40903	33601
1974	39309	36755	35368	36874	43547	36610	40792	41394	44048	42860	40825	36421
1975	34003	49247	46947	48432	38824	38746	39433	39515	34528	37054	32801	33069
1976	34807	36970	41803	40350	40120	41040	36232	34714	36951	37709	39745	46406
1977	38096	38067	35377	29993	35434	38245	38134	36902	34632	34305	35502	36589
1978	36028	36948	34144	36705	36094	36941	37698	40379	43024	38990	37444	38646
1979	35073	38848	37134									

NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCTUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED IN INTERPRETING INDIVIDUAL MONTH-TO-MONTH MOVEMENTS.



REGISTRATIONS OF NEW MOTOR VEHICLES - OTHER VEHICLES  
NUMBER

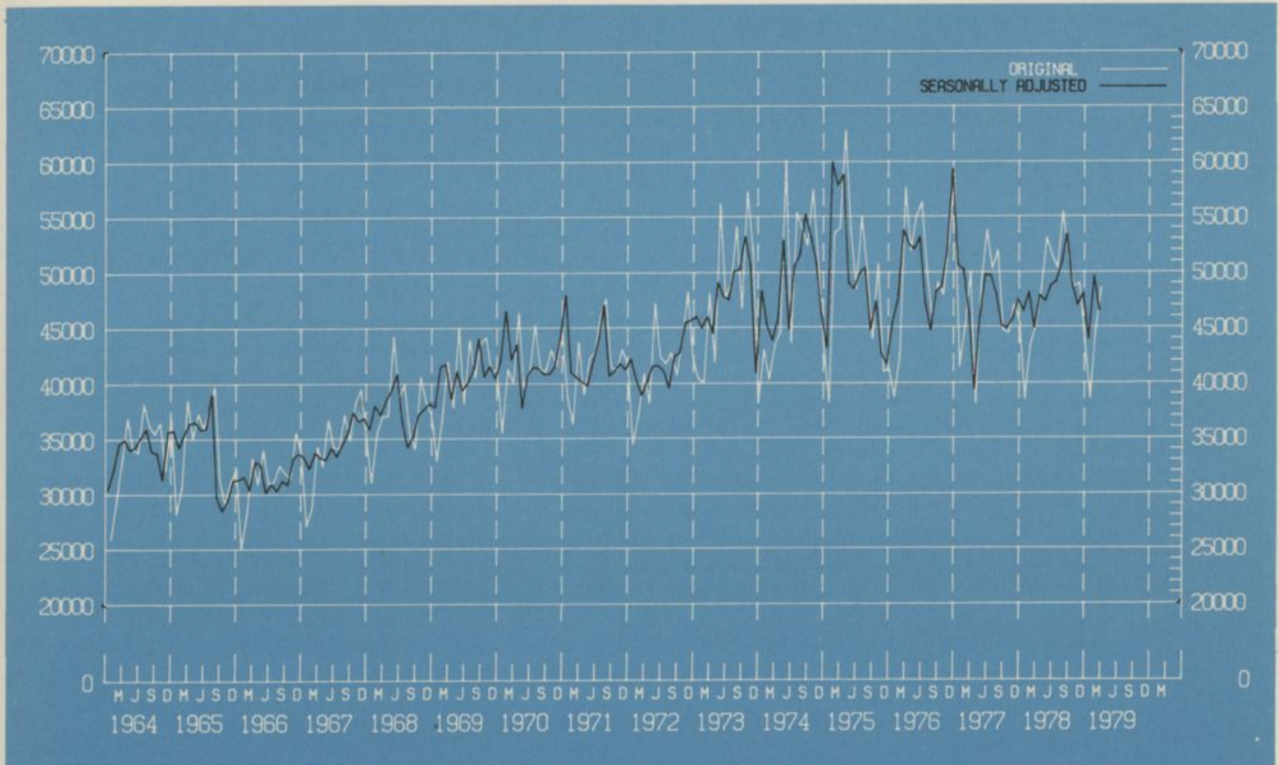


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	4682	4840	5436	6985	6703	6817	7150	6460	7222	7074	5971	6126
1965	4458	4945	6100	5388	6565	6022	7326	8335	7380	6384	6358	6013
1966	4551	5599	6346	5264	5765	6417	6210	6186	6204	5875	7328	6315
1967	4910	5390	6642	6563	7582	6758	6765	7023	6343	6882	7056	5618
1968	5379	5847	5453	5401	7475	7217	8141	7309	6829	7857	7532	6425
1969	5594	6530	7478	6719	8048	6456	7858	7695	8135	8225	7441	7100
1970	5853	6996	6974	8627	7243	7571	8303	7130	7458	7799	7257	7326
1971	6402	6470	8050	6873	7724	7325	7471	7634	7349	7234	7485	7270
1972	5937	6569	8000	7291	8967	8012	7804	7800	7587	8969	9457	7815
1973	7874	7657	9478	8504	11475	9980	9942	10362	9053	11190	9886	6532
1974	7594	7267	8377	8422	10736	8333	11019	10449	10595	11190	10074	8864
1975	7830	9185	9554	11246	11134	10327	11713	10753	9940	11169	9299	8441
1976	8600	9016	12843	11617	12656	13679	11855	10097	11246	10953	12420	12720
1977	9908	10532	11590	8806	11319	13262	12174	11899	10189	10536	10566	10295
1978	8406	9767	10251	11223	12808	13364	12194	10948	9830	9908	9864	8568
1979	7619	9368	9565									
SEASONALLY ADJUSTED												
1964	5870	5535	5931	6453	6366	6460	6316	6532	6842	6622	5721	6317
1965	6051	5717	5567	5697	6214	5605	6784	8272	6979	6188	5919	6134
1966	6126	6460	5874	5676	5363	5968	5948	5731	6006	5692	6719	6772
1967	6446	6219	6841	6621	6608	6443	6462	6556	6284	6573	6479	6226
1968	6560	6513	5429	5721	6493	7337	7191	7058	6875	7137	7244	6996
1969	6754	7529	7415	6989	7332	6323	7043	7671	8019	7365	7490	7290
1970	7378	8062	7644	7996	6790	7203	7363	7059	7262	7332	7089	7654
1971	8283	7462	7347	7251	7195	6814	6994	7421	7175	7039	7139	7500
1972	7606	7341	7739	7722	7697	7556	7530	7193	7768	8591	8900	8732
1973	9247	8831	9150	9167	9986	9482	9401	9488	9747	10133	9586	7217
1974	8972	8395	8397	8786	9251	8176	9718	10102	11088	10322	10025	9593
1975	9098	10624	10776	10275	10118	9661	10398	10807	10149	10228	9704	8552
1976	10486	10427	11906	12099	11884	12037	10889	9974	11258	10968	12188	12862
1977	12450	12138	10917	9347	10511	11516	11490	11043	10457	10585	10220	10911
1978	10402	11206	10749	11135	11231	11783	11410	10298	10327	9859	9534	9369
1979	8850	10724	9385									

NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCTUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED IN INTERPRETING INDIVIDUAL MONTH-TO-MONTH MOVEMENTS.



REGISTRATIONS OF NEW MOTOR VEHICLES - TOTAL  
NUMBER



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	25934	29403	33044	36862	34052	33764	38218	36163	35461	36489	32139	36960
1965	28164	30603	38499	35069	37298	35962	37880	39728	31353	29060	31096	32317
1966	25047	28204	33283	30910	33972	30942	31155	32584	31888	31459	35585	33719
1967	27097	28753	34338	32538	36726	34287	34096	37233	34896	38324	39532	35253
1968	31054	35550	37096	37101	44298	38784	39966	35544	34072	40629	38402	37205
1969	33100	36844	42008	37904	45047	38282	43942	40637	43751	44233	40989	41421
1970	35575	41327	40065	46436	39621	41003	45334	41363	41114	43054	41632	45074
1971	38707	36384	43749	39024	42291	42959	46203	47672	41484	41238	43100	41700
1972	34522	37066	40883	38216	47247	42410	41804	42810	40808	43805	48285	42204
1973	40392	40013	48093	41940	56222	47763	49012	54158	46757	57276	52053	38179
1974	42991	40314	43436	44688	60143	43677	55390	53877	52449	57453	50772	43328
1975	38275	53573	53975	62799	53788	48508	55046	50175	43968	50782	41010	41316
1976	38732	42428	57632	51982	55003	56289	50086	45646	49083	47941	52698	58885
1977	41535	45045	50043	38109	48964	53776	50297	51956	44705	44511	47016	45472
1978	38532	43382	45131	48331	53087	51497	50369	55407	51417	48688	48993	43767
1979	38554	44772	48535									

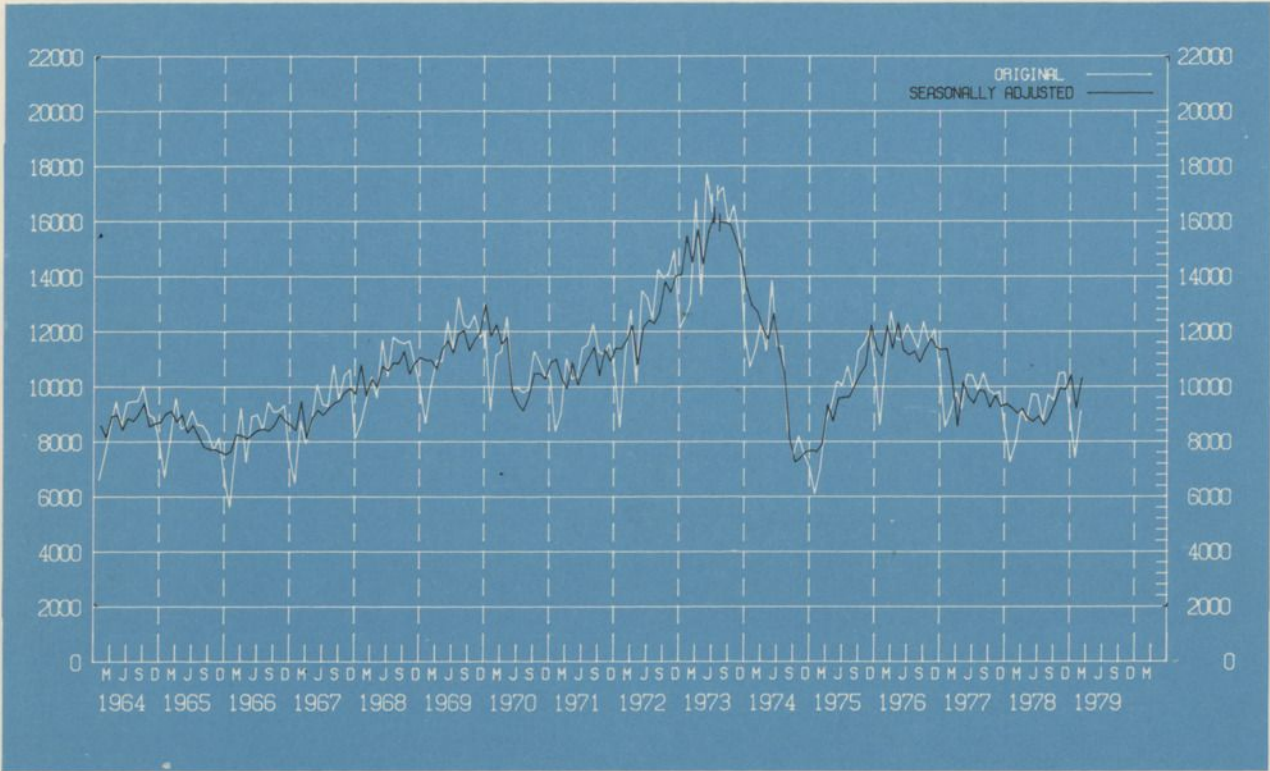
## SEASONALLY ADJUSTED

1964	30424	32166	34556	34966	34016	34287	35160	35951	33885	33733	31313	35710
1965	35799	34233	35477	36446	36544	35860	35976	39089	29684	28521	29456	31281
1966	31354	31619	30399	32957	32722	30149	30972	30291	31238	30844	33298	33711
1967	33348	32321	33776	33317	33129	34211	33427	34395	35476	37388	36547	36881
1968	35883	37992	37152	38401	39409	40816	36637	34203	35233	37197	37663	38181
1969	37831	41491	41719	38585	41087	39361	40059	41163	43999	40601	41518	40423
1970	41941	46489	42130	43520	37762	40701	41466	41328	40784	40798	41503	44006
1971	47889	40922	40506	40077	39723	41858	43790	47025	40601	41060	41719	41173
1972	42138	40239	38880	40170	41494	41540	41037	39488	42396	42706	45418	45593
1973	45952	44899	45934	44473	49052	47742	47448	50075	50161	53141	50489	40818
1974	48281	45150	43765	45660	52798	44786	50510	51496	55136	53182	50850	46014
1975	43101	59871	57723	58707	48942	48407	49831	50322	44677	47282	42505	41621
1976	45293	47397	53709	52449	52004	53077	47121	44688	48209	48677	51933	59268
1977	50546	50205	46294	39340	45945	49761	49624	47945	45089	44890	45722	47500
1978	46430	48154	44893	47840	47325	48724	49108	50677	53351	48849	46978	48015
1979	43923	49572	46519									

NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCTUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED IN INTERPRETING INDIVIDUAL MONTH-TO-MONTH MOVEMENTS.



NEW PRIVATE DWELLINGS APPROVED  
NUMBER



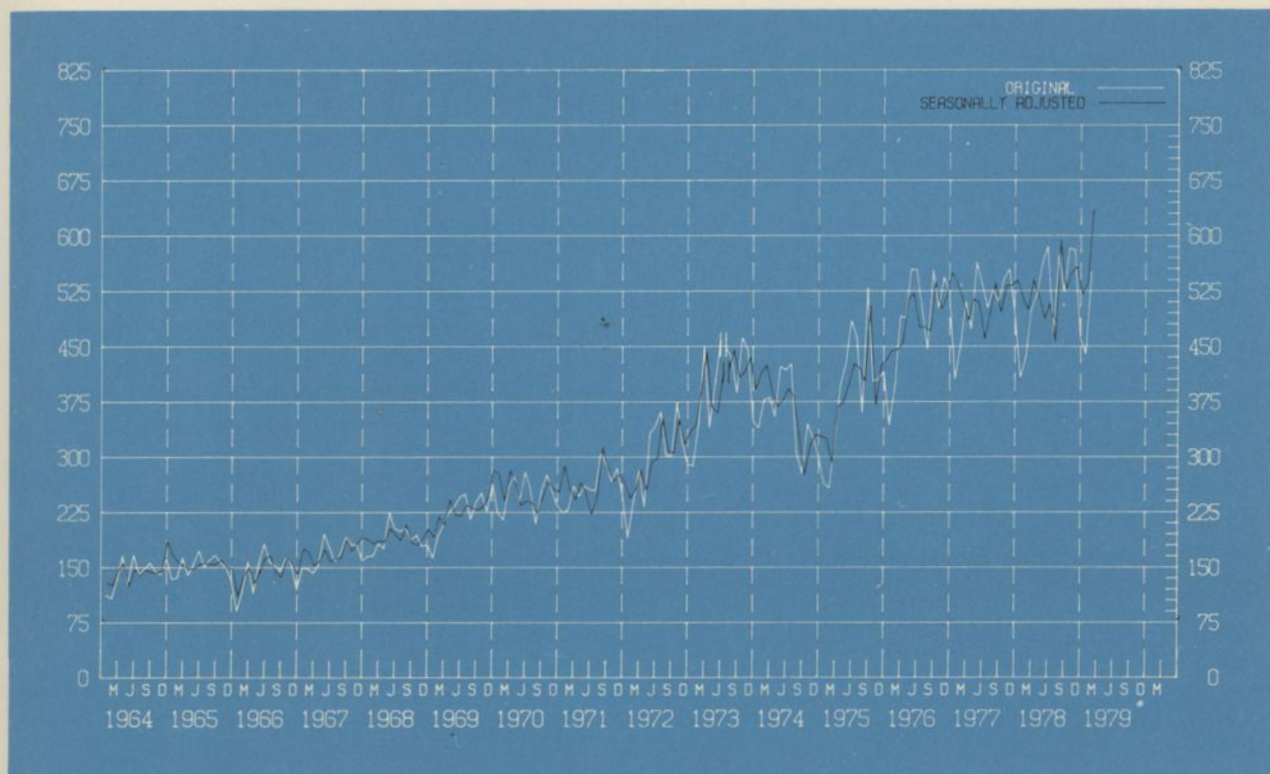
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	6637	7539	8588	9453	8542	9430	9458	9482	10016	8979	8856	7958
1965	6705	8082	9563	8472	8583	9131	8610	8579	8283	7685	8153	6681
1966	5615	7616	9221	7256	8919	8976	8432	9430	9065	9121	9322	7478
1967	6499	8738	7928	8708	10081	9357	9278	10781	9518	10405	10625	8109
1968	8618	9466	10369	9597	11701	10381	11799	11639	11568	11666	10813	9907
1969	8665	10045	10957	10916	12373	11379	13251	12246	12151	12597	11792	12027
1970	9130	11169	11276	12534	9916	9974	9790	9910	11287	10889	10406	10380
1971	8375	9004	11033	10298	10350	11402	11533	12279	11270	11166	11550	10582
1972	8526	11208	12780	10120	13474	13196	12446	14252	13936	14117	14920	12113
1973	12501	13048	16791	13309	17725	16416	16985A	17227	15906	16569	15381	11911
1974	10710	11348	12297	11304	13851	11471	11465	8474	7468	8195	7525	7066
1975	6097	7013	8730	9285	10186	10043	10737	9909	11305	11535	12000	10745
1976	8612	10954	12717	11733	11687	12271	11836	11381	12363	11598	12089	10585
1977	8536	9097	9785	9185	10444	10401	9856	10489	9871	9725	9815	8522
1978	7258	7962	9151	8760	9721	9693	8738	9724	9501	10485	10512	9038
1979	7421	9087										
SEASONALLY ADJUSTED												
1964	8534	8131	8884	8943	8386	8831	8717	8985	9370	8514	8627	8682
1965	8975	9083	8679	8965	8300	8567	8183	7784	7691	7680	7613	7498
1966	7613	8232	8187	8067	8249	8403	8439	8361	8571	8970	8718	8580
1967	8377	9440	8066	8833	9116	8935	9165	9372	9469	9766	9923	9703
1968	10774	9628	10259	9960	10715	10547	10847	10815	11265	10441	10864	11037
1969	10927	10941	10619	11338	11655	11200	11904	12029	11292	11707	11959	12972
1970	11811	12246	11545	11783	9793	9351	9101	9621	10460	10458	10250	10866
1971	10990	10288	9914	10863	10027	10625	11025	11425	10384	11325	10897	11390
1972	11361	11704	12230	10785	12137	12409	12284	12686	13809	13420	14016	14062
1973	15465	14508	15696	14446	15643	16206	15979A	15963	15873	15322	14742	13567
1974	12923	12706	12076	11714	12660	11352	10504	8121	7241	7396	7616	7672
1975	7618	7893	9329	8730	9565	9597	9619	10052	10446	10786	12237	11377
1976	11081	12224	11368	12324	11311	11153	11278	10876	11353	11748	11432	11326
1977	11375	10292	8552	10167	9620	9393	9865	9809	9232	9682	9270	9367
1978	9228	9018	9203	8846	8729	8917	8600	8893	9379	9951	9883	10434
1979	9203	10298										

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.  
NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCTUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED IN INTERPRETING INDIVIDUAL MONTH-TO-MONTH MOVEMENTS.



## VALUE OF TOTAL BUILDING APPROVED

\$ MILLION



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	111.7	107.6	133.5	165.4	126.9	167.1	139.8	147.9	156.3	144.3	140.7	162.0
1965	133.8	136.3	163.3	139.4	154.5	173.0	151.6	160.5	166.8	156.7	150.2	130.4
1966	90.2	118.5	158.1	115.3	154.4	182.1	157.2	152.6	144.5	162.9	155.0	119.6
1967	149.8	147.7	142.4	153.6	195.5	176.6	158.3	168.1	190.7	180.4	181.6	159.0
1968	165.1	165.2	182.4	175.0	223.4	202.6	198.7	203.3	187.2	193.8	179.0	180.4
1969	162.3	193.1	207.6	225.5	233.1	245.6	249.8	215.0	238.8	251.2	226.1	264.0
1970	224.3	214.3	259.1	273.7	239.1	279.8	256.1	208.7	253.1	276.0	253.0	233.1
1971	223.4	228.3	260.7	246.2	260.3	255.6	254.0	303.6	290.0	266.9	284.7	246.8
1972	189.9	238.9	280.9	232.5	332.0	341.9	361.1	302.5	299.8	373.9	322.1	289.2
1973	287.4	344.6	450.1	340.3	399.3	456.5	447.8A	434.1	386.5	462.0	445.3	346.7
1974	339.0	376.9	380.8	354.4	421.9	417.7	426.3	304.9	276.6	344.2	325.1	302.1
1975	263.2	257.1	324.2	398.6	426.6	484.6	461.1	359.6	529.5	402.1	405.5	415.8
1976	343.2	396.2	490.5	488.4	554.0	553.7	499.5	445.9	553.4	501.7	543.5	522.4
1977	405.7	450.8	510.0	472.5	563.5	533.0	502.1	526.2	509.8	542.3	554.2	493.0
1978	407.2	434.9	500.2	518.9	562.3	585.5	468.6	573.1	522.8	582.5	580.2	460.1
1979	439.1	550.0										

## SEASONALLY ADJUSTED

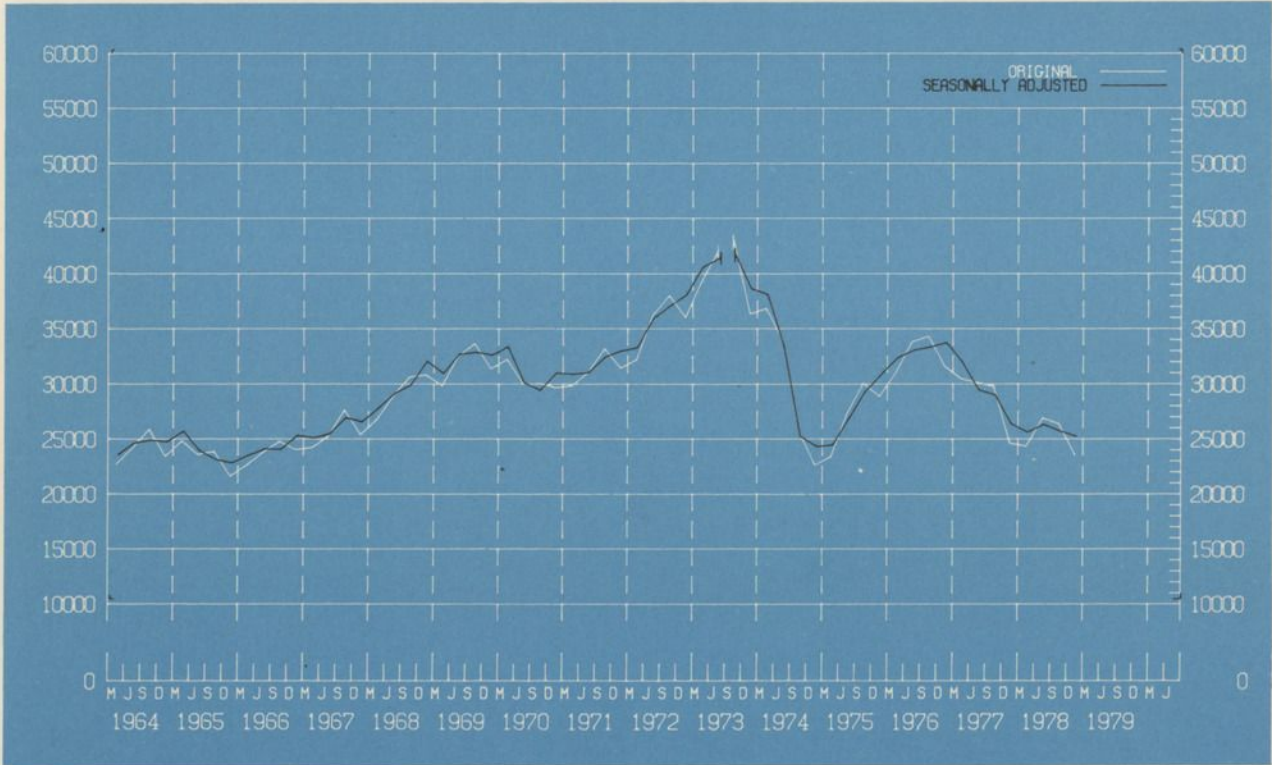
1964	126.2	122.7	143.8	153.1	122.3	144.6	136.2	144.6	140.7	140.3	141.2	183.7
1965	163.6	155.4	149.5	145.6	146.3	151.6	152.9	152.0	152.0	157.3	146.1	145.9
1966	108.1	134.8	147.5	125.2	140.7	159.8	162.8	140.8	133.4	159.9	153.4	137.8
1967	172.7	168.0	149.8	155.1	171.6	154.9	159.4	160.5	185.4	168.6	180.5	187.5
1968	184.5	178.7	183.3	181.2	199.7	191.4	183.1	205.1	179.9	176.9	185.1	198.7
1969	187.4	215.6	204.3	239.3	217.7	216.6	231.3	228.2	224.1	228.6	241.7	278.6
1970	273.1	236.9	278.1	259.9	231.2	237.2	235.3	219.6	242.2	262.7	252.3	249.3
1971	285.0	252.3	238.5	262.4	246.5	219.1	242.3	309.7	278.8	263.8	272.8	261.9
1972	240.3	253.1	279.0	250.5	290.0	294.6	348.8	305.3	301.6	347.9	312.7	329.9
1973	338.9	383.8	439.3	363.6	355.3	409.1	414.0A	441.7	404.5	412.4	431.7	388.0
1974	410.4	421.0	435.7	364.2	374.2	389.0	379.0	325.4	271.9	312.8	326.5	324.1
1975	321.5	288.3	364.7	370.3	393.7	423.0	417.4	398.3	502.2	365.9	422.0	428.7
1976	440.9	442.4	452.1	510.0	518.3	472.7	471.7	465.8	533.6	496.2	511.4	546.3
1977	531.2	508.7	480.7	510.1	504.7	456.1	491.3	531.3	491.7	528.1	528.5	535.4
1978	512.0	495.1	535.3	513.6	482.9	504.7	451.8	589.9	522.8	545.4	553.8	516.1
1979	531.8	628.9										

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

NOTE - THIS SERIES IS SUBJECT TO LARGE AND IRREGULAR FLUCTUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED IN INTERPRETING INDIVIDUAL MONTH-TO-MONTH MOVEMENTS.



NEW PRIVATE DWELLINGS COMMENCED  
NUMBER



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	22664	24191	25827	23382
1965	24780	23545	23835	21583
1966	22606	23774	24741	24006
1967	24167	25195	27600	25349
1968	26784	28879	30620	30793
1969	29835	32518	33641	31371
1970	32214	29973	30034	29658
1971	29811	31055	33166	31430
1972	32213	36249	37998	36028
1973	39326	42033	42946A	36342
1974	36836	34010	25773	22599
1975	23395	27336	30058	28841
1976	31039	33828	34313	31564
1977	30442	30110	29765	24575
1978	24289	26867	26343	23490

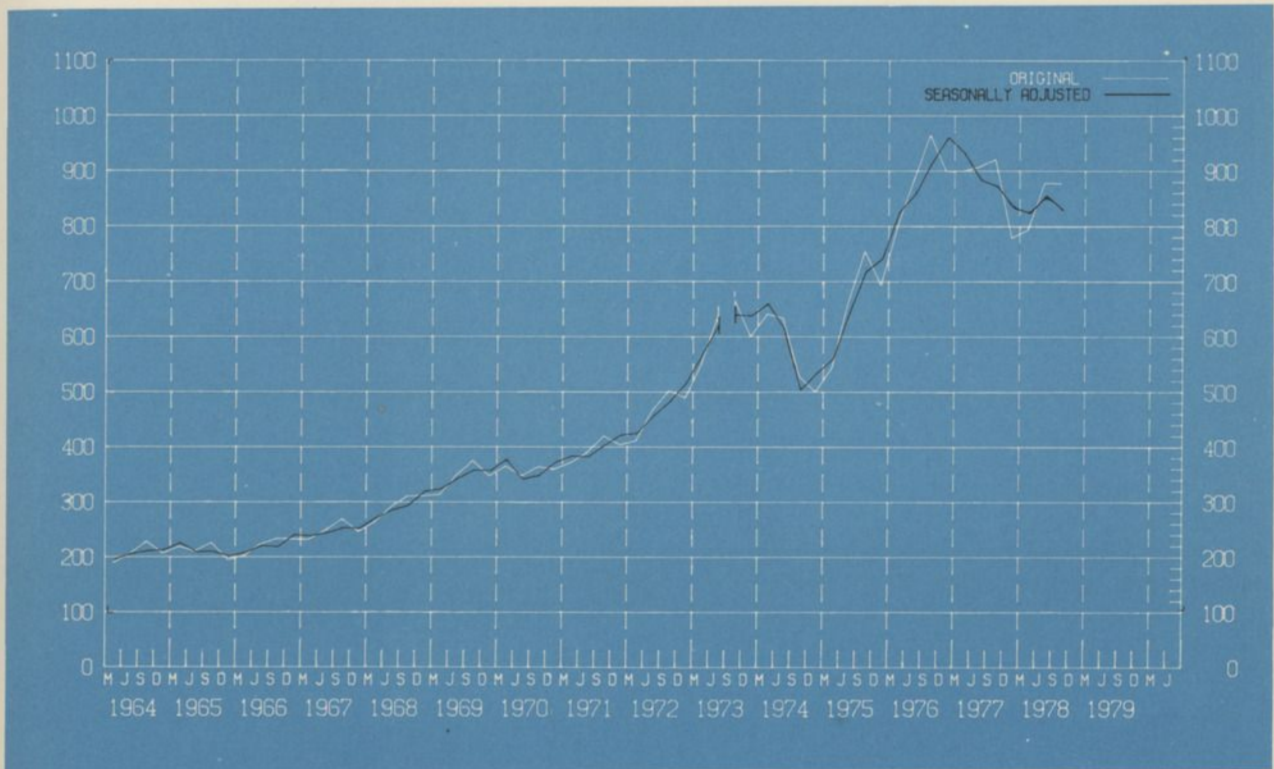
SEASONALLY ADJUSTED

1964	23120	24205	24457	24302
1965	25245	23470	22671	22376
1966	23064	23643	23606	24840
1967	24655	25010	26486	26074
1968	27357	28679	29445	31592
1969	30491	32250	32431	32154
1970	32944	29651	28957	30542
1971	30429	30586	32011	32549
1972	32858	35526	36603	37623
1973	40113	40938	41336A	38171
1974	37648	32964	24756	23834
1975	23969	26395	28860	30426
1976	31921	32599	32896	33272
1977	31441	28950	28529	25886
1978	25135	25818	25232	24734

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.



VALUE OF TOTAL NEW DWELLINGS COMMENCED  
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	189.6	206.1	227.5	206.3
1965	218.4	210.7	225.4	194.6
1966	201.9	223.2	233.2	232.2
1967	230.9	247.3	267.5	244.7
1968	262.0	290.1	309.3	310.0
1969	312.6	348.1	373.7	346.1
1970	363.6	346.5	362.5	358.4
1971	370.4	389.2	418.5	402.7
1972	410.6	466.3	500.4	487.3
1973	550.9	637.4	665.4A	598.3
1974	639.7	630.9	525.8	497.9
1975	542.4	661.2	753.1	691.7
1976	797.6	881.9	963.6	897.3
1977	898.1	906.0	919.4	777.3
1978	791.9	876.4	875.7	

## SEASONALLY ADJUSTED

1964	196.7	207.1	211.9	214.1
1965	226.3	210.2	211.2	201.9
1966	209.3	221.6	219.3	241.0
1967	239.2	244.3	253.6	252.8
1968	271.4	286.1	294.5	319.4
1969	323.6	342.5	357.6	356.2
1970	375.9	340.3	347.2	370.8
1971	381.8	380.3	401.6	419.4
1972	422.3	453.5	479.3	512.6
1973	565.2	617.1	636.1A	633.8
1974	656.2	610.0	500.2	530.4
1975	556.6	639.3	714.2	737.3
1976	820.5	854.1	910.1	956.0
1977	926.6	878.1	866.7	827.5
1978	818.3	850.1	824.1	

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.



VALUE OF OTHER BUILDING COMMENCED  
\$ MILLION



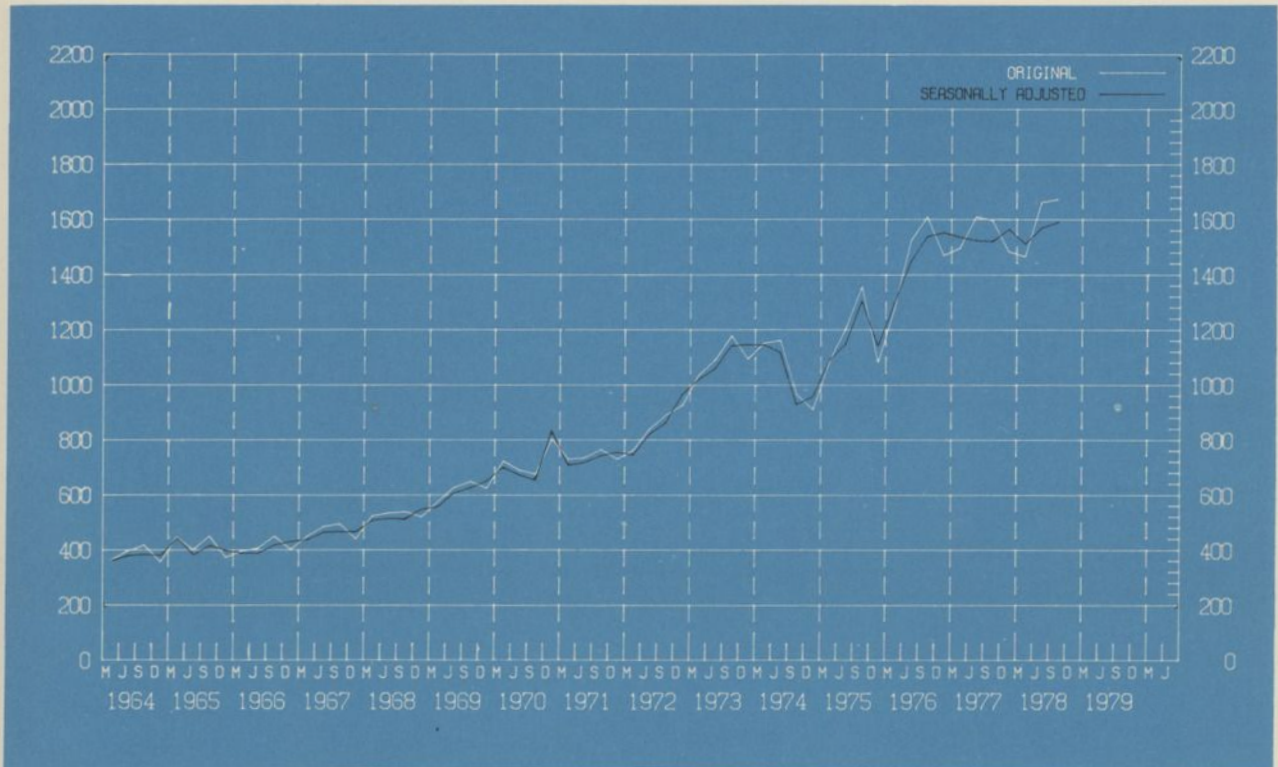
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	172.2	189.0	188.6	149.0
1965	227.5	188.3	223.3	177.0
1966	192.6	182.9	214.4	168.9
1967	216.7	237.0	226.7	193.9
1968	260.8	244.1	228.7	208.6
1969	262.6	278.5	274.7	276.5
1970	358.7	342.0	311.6	443.4
1971	358.2	345.2	346.4	325.8
1972	352.2	374.1	389.5	438.7
1973	485.4	453.2	498.3	478.4
1974	494.9	510.7	418.0	389.7
1975	515.9	510.4	560.4	345.0
1976	422.3	580.1	580.9	507.8
1977	532.2	632.4	603.8	632.7
1978	602.1	702.8	721.0	

SEASONALLY ADJUSTED

1964	171.3	180.5	178.3	170.0
1965	222.3	179.9	211.4	205.0
1966	185.3	174.6	205.2	195.9
1967	205.3	227.2	220.6	222.2
1968	244.4	235.6	226.6	234.0
1969	244.5	271.6	276.3	302.1
1970	334.2	337.4	315.8	473.3
1971	336.4	342.4	351.4	343.5
1972	334.1	370.5	392.6	462.6
1973	468.1	441.7	499.2	509.0
1974	485.4	488.5	415.4	417.8
1975	518.2	477.7	552.7	372.9
1976	431.4	537.0	567.8	549.3
1977	553.9	580.4	586.4	684.9
1978	632.6	642.8	697.3	



VALUE OF TOTAL BUILDING COMMENCED  
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	361.8	395.1	416.1	355.3
1965	445.9	399.1	448.7	371.6
1966	394.5	406.1	447.6	401.1
1967	447.6	484.3	494.2	438.5
1968	522.9	534.2	538.0	518.6
1969	575.2	626.6	648.3	622.6
1970	722.3	688.5	674.1	801.8
1971	728.6	734.4	764.9	728.5
1972	762.8	840.4	889.8	926.0
1973	1036.4	1090.6	1178.3	1093.9
1974	1152.4	1161.2	964.2	909.7
1975	1085.6	1203.6	1357.1	1081.0
1976	1276.3	1523.8	1609.3	1470.3
1977	1496.1	1608.9	1596.0	1483.0
1978	1464.6	1661.5	1672.9	

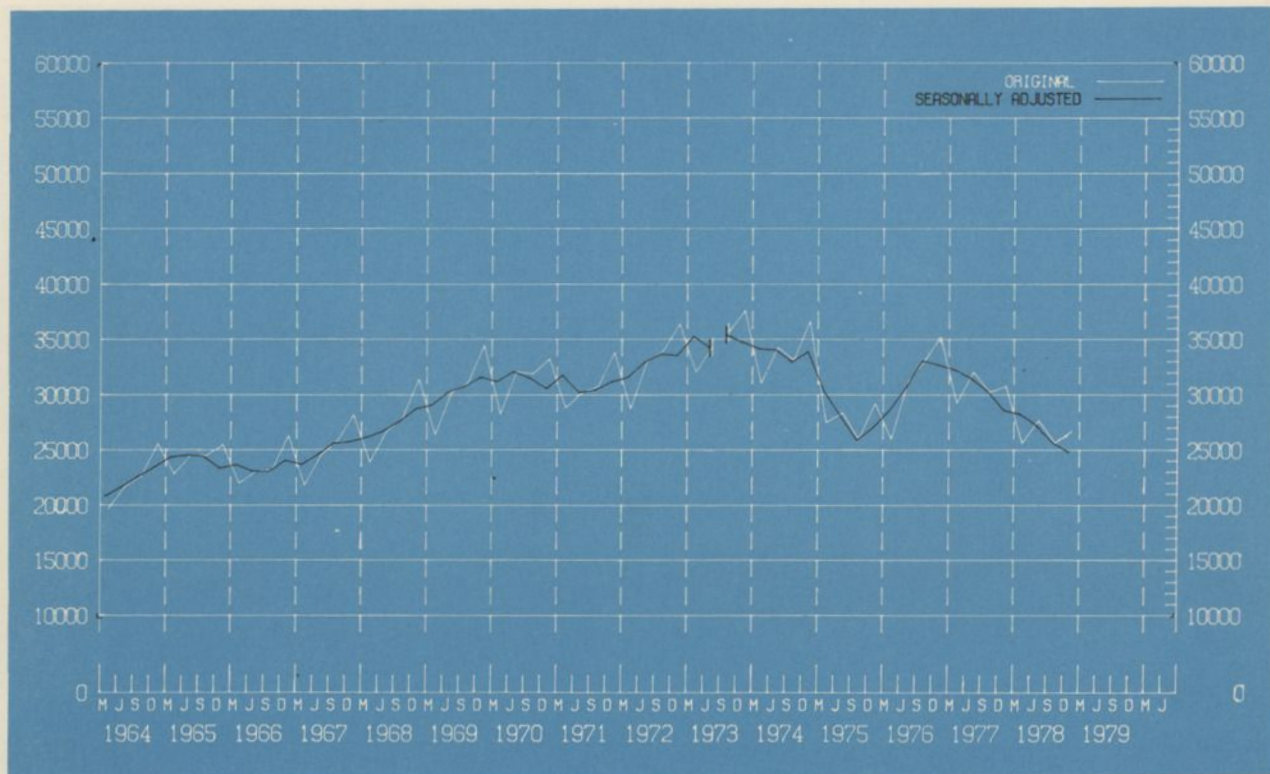
## SEASONALLY ADJUSTED

YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
1964	367.8	386.3	390.5	385.7
1965	449.7	389.1	422.7	405.3
1966	395.3	395.0	424.9	437.5
1967	444.6	471.7	474.2	474.7
1968	516.0	522.4	521.4	555.8
1969	564.7	616.0	633.8	659.0
1970	709.0	679.7	661.4	842.3
1971	716.1	726.2	751.3	763.0
1972	752.6	828.9	871.4	973.1
1973	1029.1	1066.7	1150.9	1155.0
1974	1153.9	1126.0	936.9	964.9
1975	1098.6	1157.1	1312.5	1149.7
1976	1303.8	1458.1	1548.1	1562.5
1977	1544.7	1533.0	1530.2	1574.6
1978	1521.0	1580.5	1599.7	



NEW PRIVATE DWELLINGS COMPLETED

NUMBER



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1964	19642	21698	22594	25547
1965	22824	24512	24517	25478
1966	21998	23041	23217	26293
1967	21806	24528	25877	28172
1968	23895	26645	27903	31426
1969	26403	30230	31106	34477
1970	28262	32088	31893	33274
1971	28816	30221	30786	33848
1972	28728	32994	33991	36398
1973	32062	34361	35662A	37616
1974	31061	34273	33132	36682
1975	27491	28375	25970	29222
1976	25975	31133	33063	35229
1977	29241	32053	30261	30768
1978	25621	27687	25618	26666

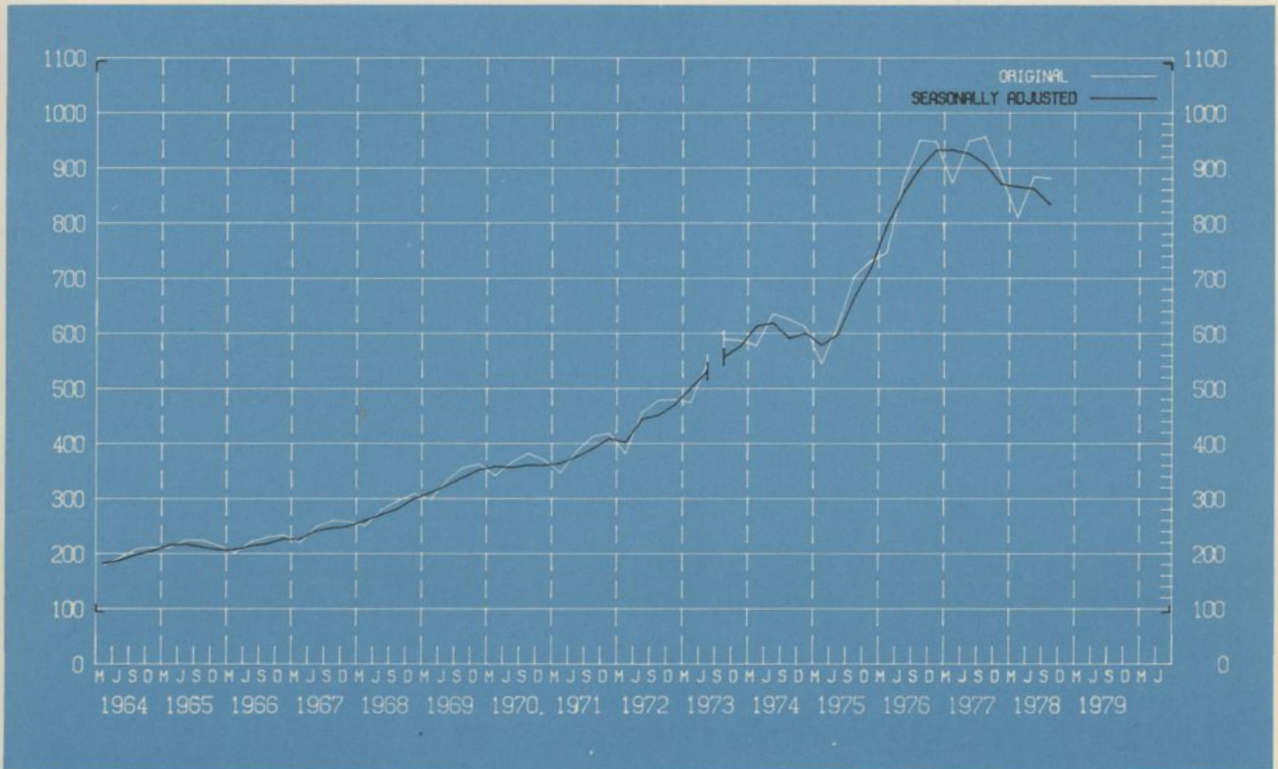
SEASONALLY ADJUSTED				
1964	20969	21845	22746	23637
1965	24528	24699	24589	23489
1966	23825	23232	23179	24174
1967	23808	24712	25748	25840
1968	26280	26792	27707	28799
1969	29180	30322	30851	31639
1970	31253	32159	31584	30619
1971	31831	30246	30490	31231
1972	31650	32987	33721	33612
1973	35295	34271	35453A	34768
1974	34177	34089	33002	33932
1975	30292	28083	25932	27074
1976	28634	30679	33097	32678
1977	32251	31487	30329	28570
1978	28250	27188	25655	24776

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.



## VALUE OF WORK DONE ON TOTAL NEW DWELLINGS

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	179.3	192.9	209.0	211.5
1965	210.3	223.8	223.5	213.8
1966	201.3	221.2	229.4	233.5
1967	219.0	248.9	259.6	257.5
1968	249.8	279.3	295.4	308.5
1969	297.3	332.5	356.2	362.0
1970	341.6	365.6	381.3	369.6
1971	346.3	386.2	413.2	418.2
1972	381.1	455.9	477.8	479.4
1973	474.0	545.8	588.8A	587.1
1974	577.5	635.0	625.2	610.8
1975	544.5	615.0	703.5	730.8
1976	746.4	874.9	950.0	947.4
1977	871.9	948.0	956.5	884.6
1978	809.7	883.5	881.2	

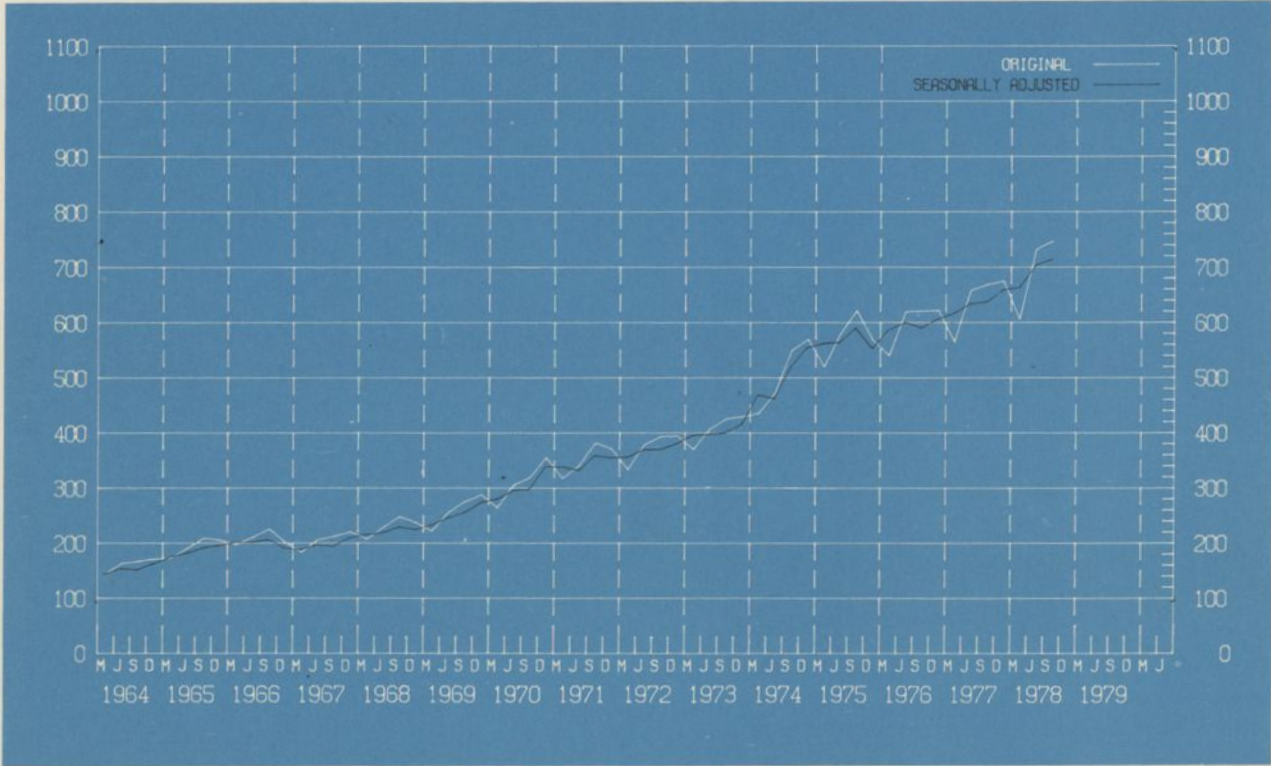
## SEASONALLY ADJUSTED

1964	186.9	192.3	202.9	209.9
1965	220.0	222.2	217.0	212.1
1966	211.6	218.9	222.6	231.3
1967	231.2	246.0	251.7	254.4
1968	264.8	276.1	285.8	304.5
1969	316.1	329.0	343.6	357.3
1970	364.1	361.8	366.6	365.5
1971	369.7	381.6	396.6	414.3
1972	407.6	449.8	457.7	475.9
1973	507.6	537.7	563.6A	582.9
1974	619.5	625.4	597.6	606.8
1975	584.8	605.3	672.4	725.2
1976	803.1	861.2	907.0	940.1
1977	939.2	932.4	913.3	877.6
1978	872.7	868.8	841.1	

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.



VALUE OF WORK DONE ON OTHER BUILDING  
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	144.7	162.9	167.2	171.2
1965	172.8	190.3	208.5	205.2
1966	197.1	210.5	225.0	200.8
1967	182.8	206.1	212.1	220.7
1968	207.0	228.2	248.0	236.8
1969	221.6	255.3	274.8	287.5
1970	264.1	304.9	318.9	355.1
1971	317.6	340.7	381.6	370.3
1972	333.7	378.5	393.7	394.7
1973	370.0	407.0	425.4	429.4
1974	435.7	473.0	549.6	569.7
1975	519.6	579.7	621.6	567.9
1976	539.5	619.6	620.6	622.1
1977	564.4	657.8	668.3	675.0
1978	605.4	731.8	747.2	

SEASONALLY ADJUSTED

1964	151.9	162.2	160.1	170.7
1965	182.7	189.5	199.0	204.0
1966	209.7	209.6	214.3	198.8
1967	195.9	204.9	202.0	217.5
1968	223.1	226.7	236.5	232.0
1969	240.2	253.4	262.5	280.6
1970	286.8	302.4	305.1	346.0
1971	345.0	337.9	365.1	361.1
1972	362.2	375.5	376.1	385.9
1973	401.5	403.1	406.0	421.0
1974	473.3	466.8	524.5	559.6
1975	566.5	568.5	594.7	557.5
1976	591.0	604.3	594.5	610.7
1977	621.1	638.0	641.5	662.8
1978	667.5	707.5	718.7	



## VALUE OF WORK DONE ON TOTAL BUILDING

\$ MILLION



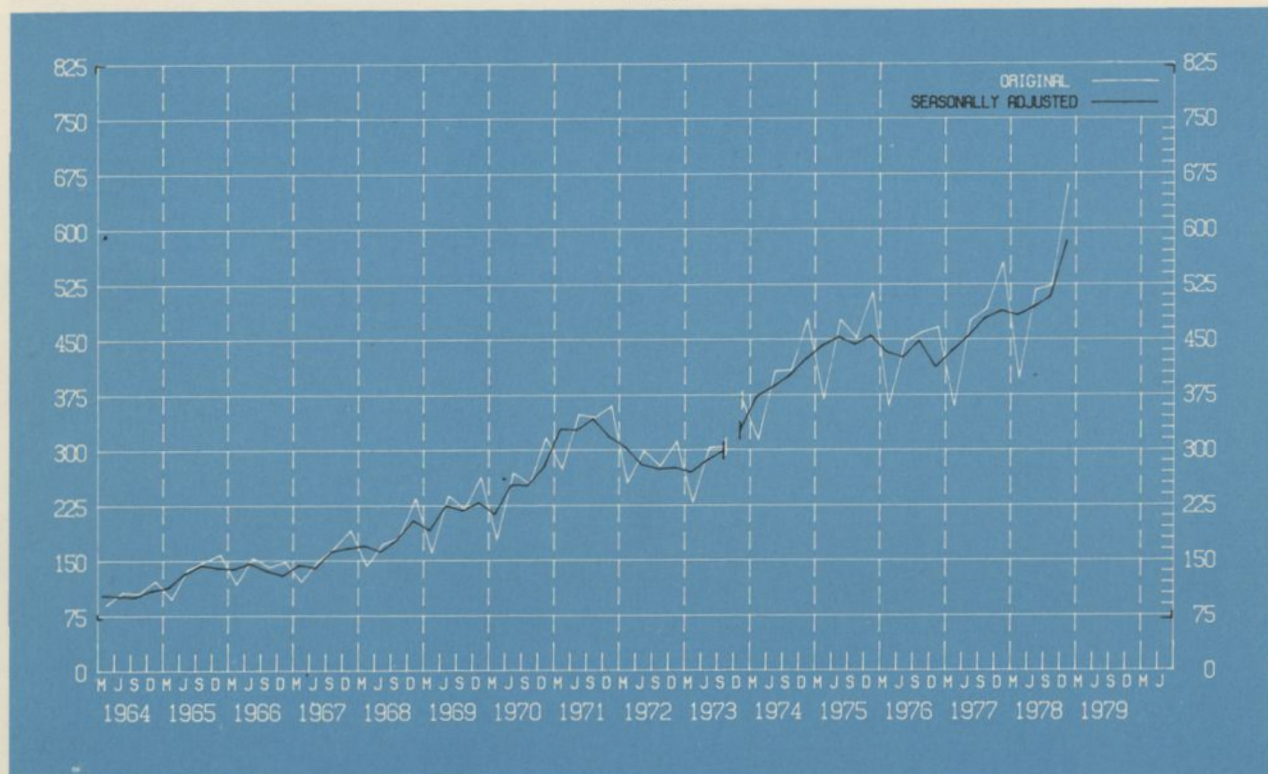
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	324.0	355.8	376.2	382.6
1965	383.0	414.1	432.1	419.0
1966	398.4	431.6	454.3	434.3
1967	401.8	455.0	471.7	478.2
1968	456.8	507.5	543.3	545.4
1969	518.9	587.7	631.0	649.5
1970	605.7	670.5	700.2	724.7
1971	663.9	726.9	794.7	788.5
1972	714.8	834.4	871.5	874.1
1973	844.1	952.7	1027.2	1032.4
1974	1029.0	1126.2	1194.2	1204.8
1975	1088.3	1226.0	1363.8	1344.5
1976	1335.0	1551.6	1634.5	1637.2
1977	1498.3	1675.5	1696.9	1635.5
1978	1483.3	1694.2	1703.2	

## SEASONALLY ADJUSTED

1964	338.9	354.0	362.9	380.8
1965	402.4	411.7	416.3	416.1
1966	420.5	428.9	437.2	429.9
1967	426.3	451.9	453.9	471.1
1968	487.0	504.5	522.6	534.6
1969	556.1	584.1	606.8	634.7
1970	651.4	666.4	672.4	708.3
1971	714.9	721.9	762.6	771.7
1972	769.6	828.6	834.4	858.1
1973	908.6	944.6	982.6	1016.1
1974	1108.1	1114.2	1141.4	1188.6
1975	1173.6	1208.3	1305.6	1325.6
1976	1444.2	1524.4	1565.4	1614.0
1977	1626.3	1640.0	1627.1	1612.1
1978	1613.0	1655.1	1634.1	



NEW CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES  
NEW BUILDINGS AND STRUCTURES  
ALL INDUSTRIES  
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	90.2	107.1	105.6	123.1
1965	98.2	138.8	149.4	158.9
1966	118.3	154.2	141.3	148.4
1967	122.0	148.8	167.1	191.8
1968	143.0	172.8	181.7	234.9
1969	160.7	238.9	220.0	263.3
1970	179.1	269.2	254.6	316.9
1971	274.7	348.9	344.6	360.5
1972	256.2	298.7	278.8	311.8
1973	229.2	303.8	305.3	368.1A
1974	314.7	407.6	408.6	478.0
1975	369.9	477.1	453.1	514.2
1976	360.4	447.7	459.7	467.4
1977	359.9	476.2	491.9	554.3
1978	397.8	517.1	523.3	660.5

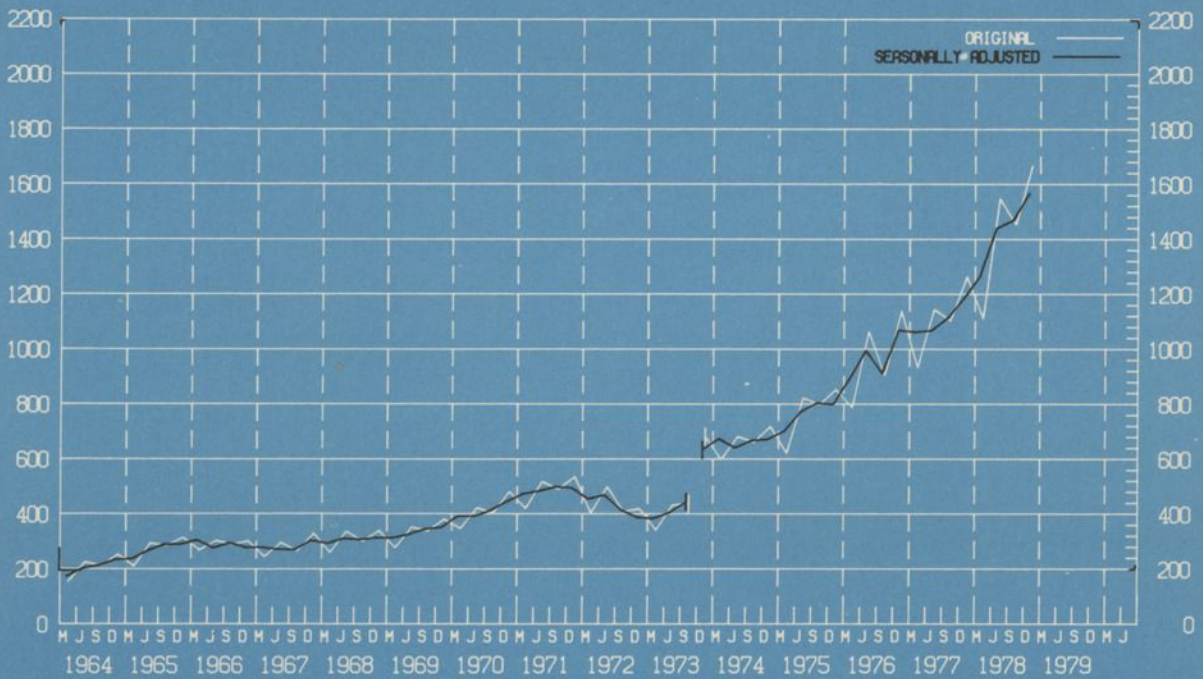
## SEASONALLY ADJUSTED

1964	105.3	103.7	103.4	112.2
1965	116.0	134.5	146.4	143.4
1966	141.2	149.3	139.0	132.6
1967	147.1	143.3	165.8	170.2
1968	173.1	165.8	181.5	207.7
1969	194.6	228.3	221.2	232.5
1970	216.9	256.4	256.1	281.0
1971	332.1	331.2	346.1	322.1
1972	307.7	284.1	278.6	280.1
1973	274.0	290.2	303.9	330.6A
1974	377.1	390.3	405.3	428.0
1975	446.1	457.4	447.9	459.2
1976	437.1	430.1	452.7	416.5
1977	438.7	458.5	482.6	493.0
1978	486.9	498.3	511.8	586.9

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.



NEW CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES  
OTHER NEW CAPITAL EQUIPMENT  
ALL INDUSTRIES  
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	155.2	224.6	212.7	254.2
1965	210.6	295.0	286.4	316.3
1966	270.4	304.3	291.1	303.1
1967	245.8	296.7	266.7	331.0
1968	261.2	338.2	302.7	340.3
1969	279.1	353.3	339.7	381.8
1970	348.5	422.5	405.3	482.3
1971	420.8	518.2	490.6	535.6
1972	405.1	500.2	410.2	419.5
1973	341.8	433.1	439.6	681.5A
1974	599.1	683.0	662.4	719.3
1975	622.2	822.8	799.4	854.2
1976	788.1	1063.7	906.0	1140.3
1977	934.3	1145.2	1104.7	1263.0
1978	1111.5	1548.1	1453.7	1665.8

## SEASONALLY ADJUSTED

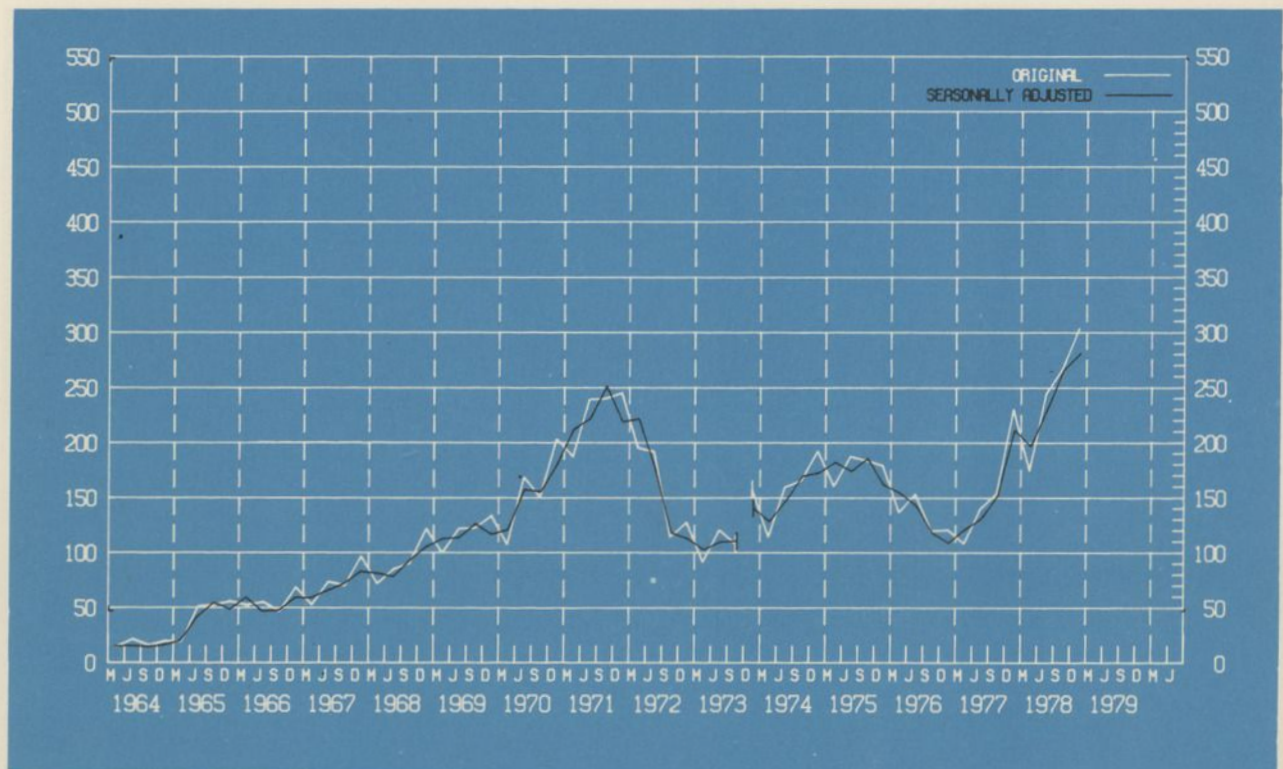
1964	177.3	206.9	217.7	238.7
1965	241.4	271.8	294.0	295.4
1966	310.3	281.1	298.8	282.5
1967	281.5	275.1	273.9	308.4
1968	297.4	315.1	311.1	316.6
1969	316.8	330.0	349.4	354.6
1970	395.3	395.5	416.4	448.2
1971	475.9	487.2	502.1	498.4
1972	457.3	471.8	418.0	391.3
1973	385.7	408.9	446.3	637.2A
1974	677.0	644.3	670.3	674.6
1975	704.0	774.9	807.4	802.2
1976	895.1	998.3	914.4	1072.1
1977	1065.2	1070.1	1115.9	1188.4
1978	1269.5	1442.9	1471.0	1568.1

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.



NEW CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES  
MINING

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	14.8	21.5	15.9	19.7
1965	19.7	51.2	53.1	55.9
1966	52.7	55.4	46.9	68.9
1967	52.9	74.1	70.4	97.1
1968	72.2	85.6	90.7	122.1
1969	100.0	122.2	122.7	134.1
1970	107.5	168.9	150.7	203.6
1971	187.8	239.4	240.4	245.6
1972	195.6	192.0	114.7	127.7
1973	92.1	120.8	108.3	158.1A
1974	114.4	160.2	166.3	192.7
1975	160.7	187.7	183.7	179.3
1976	136.9	153.7	119.7	120.9
1977	108.5	140.5	154.2	230.4
1978	174.8	244.7	267.0	303.4

## SEASONALLY ADJUSTED

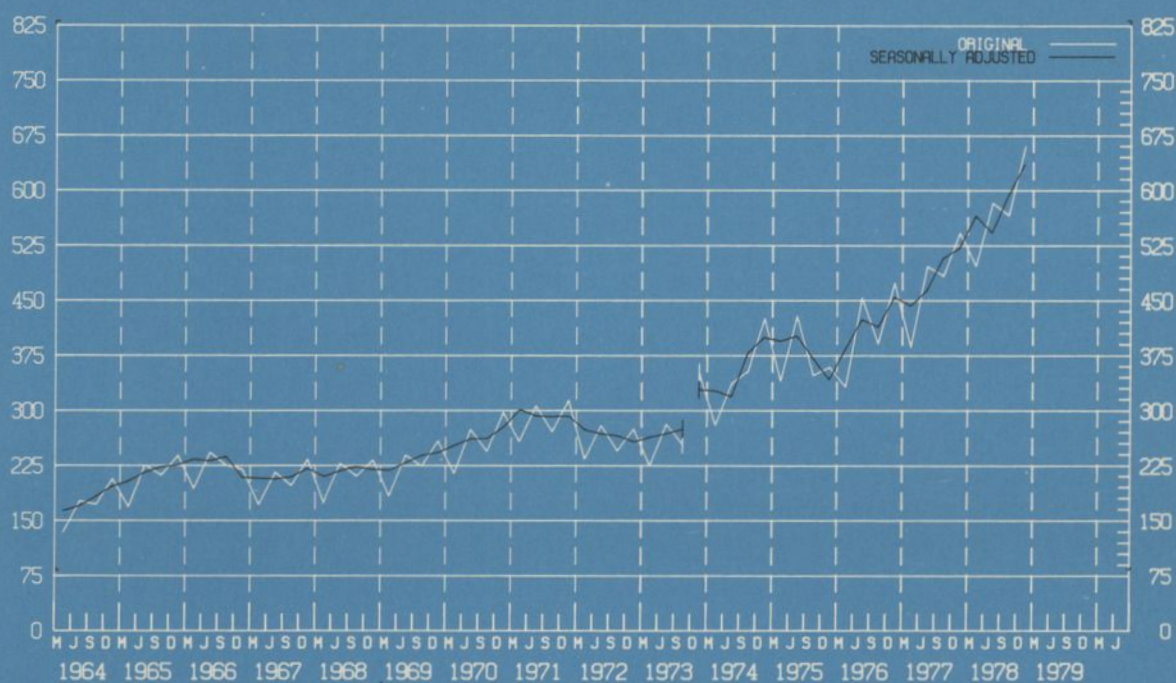
1964	17.6	18.1	17.1	18.7
1965	23.4	44.2	57.2	51.6
1966	62.1	49.5	50.2	62.0
1967	61.8	68.6	74.8	85.8
1968	83.9	81.0	95.4	108.0
1969	115.2	116.4	128.7	119.4
1970	123.3	160.0	157.9	183.1
1971	214.9	224.3	253.8	221.4
1972	224.0	179.2	120.9	115.5
1973	105.6	112.6	113.6	143.4A
1974	131.2	150.2	172.5	175.4
1975	184.9	176.7	188.2	164.4
1976	157.1	145.8	120.8	111.8
1977	124.1	133.7	154.6	214.4
1978	199.3	232.6	268.1	283.2

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.



NEW CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES  
MANUFACTURING

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	133.5	176.0	171.4	206.3
1965	168.0	225.1	211.2	238.3
1966	193.3	242.1	224.8	219.4
1967	171.1	214.8	197.1	232.7
1968	173.9	227.4	209.5	231.7
1969	182.5	238.6	223.5	257.6
1970	213.7	273.4	243.6	296.8
1971	257.2	305.9	270.6	313.5
1972	233.7	279.3	245.0	274.6
1973	224.7	280.9	253.9	351.4A
1974	279.6	337.1	353.1	425.3
1975	340.1	428.6	347.9	358.7
1976	332.3	453.2	391.0	474.0
1977	386.5	496.0	483.3	541.4
1978	496.7	582.4	565.7	659.2

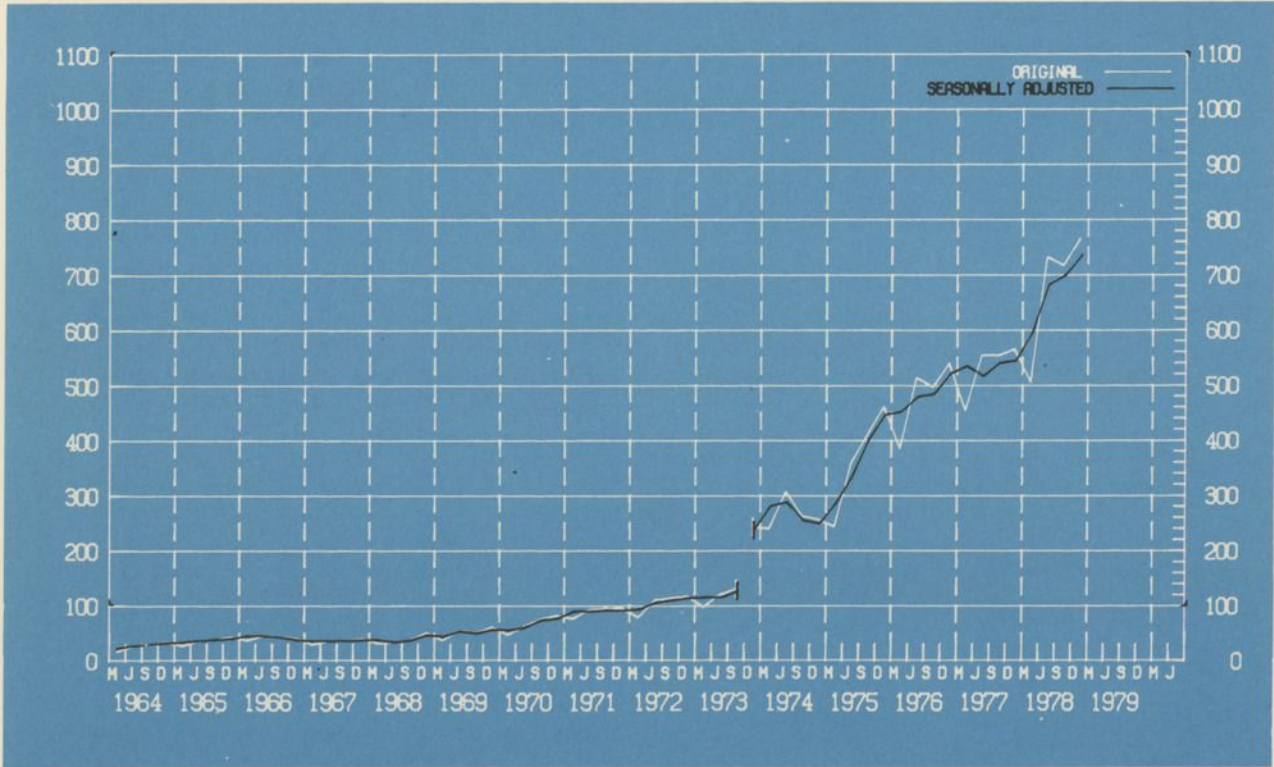
SEASONALLY ADJUSTED

1964	156.2	162.8	175.6	189.5
1965	196.6	208.5	216.1	218.8
1966	226.4	224.4	230.0	201.4
1967	200.1	199.1	202.1	213.7
1968	202.4	210.9	216.0	212.3
1969	211.1	221.6	231.9	235.6
1970	245.6	254.4	254.8	270.3
1971	294.0	285.3	284.4	284.8
1972	266.3	260.6	258.1	249.6
1973	256.1	261.1	267.4	321.0A
1974	319.0	311.4	371.0	392.3
1975	386.8	394.5	363.7	334.5
1976	376.4	416.4	406.2	446.9
1977	435.2	455.8	499.7	513.9
1978	557.7	534.6	585.0	627.9

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.



NEW CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES  
FINANCE, INSURANCE, REAL ESTATE, AND BUSINESS SERVICES  
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	17.3	26.6	29.1	33.6
1965	27.1	36.2	38.0	42.3
1966	36.6	45.6	42.0	40.1
1967	28.8	36.0	35.9	39.7
1968	31.3	33.9	36.9	50.4
1969	36.6	54.5	50.5	60.4
1970	47.0	61.8	75.4	81.7
1971	76.3	92.1	94.0	94.5
1972	78.4	109.5	113.3	116.5
1973	97.7	120.6	130.3	243.0A
1974	239.6	306.9	261.8	256.0
1975	243.0	358.3	410.4	460.8
1976	384.6	513.7	496.5	539.5
1977	453.6	554.1	554.0	565.5
1978	504.5	732.0	717.1	764.4

SEASONALLY ADJUSTED

1964	20.6	25.7	28.2	30.8
1965	32.2	35.0	36.9	38.8
1966	43.3	44.0	41.1	36.7
1967	33.9	34.8	35.2	36.3
1968	36.7	32.8	36.2	46.1
1969	42.8	52.8	49.2	55.7
1970	55.0	59.6	73.0	76.2
1971	89.2	88.2	90.4	89.7
1972	91.5	103.9	108.7	111.9
1973	113.8	113.3	125.3	234.9A
1974	278.9	286.4	253.2	247.2
1975	283.8	332.6	398.3	444.5
1976	449.4	477.1	482.0	518.9
1977	532.3	513.9	538.4	542.5
1978	593.2	679.3	696.4	732.3

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.



NEW CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES  
OTHER INDUSTRIES

\$ MILLION



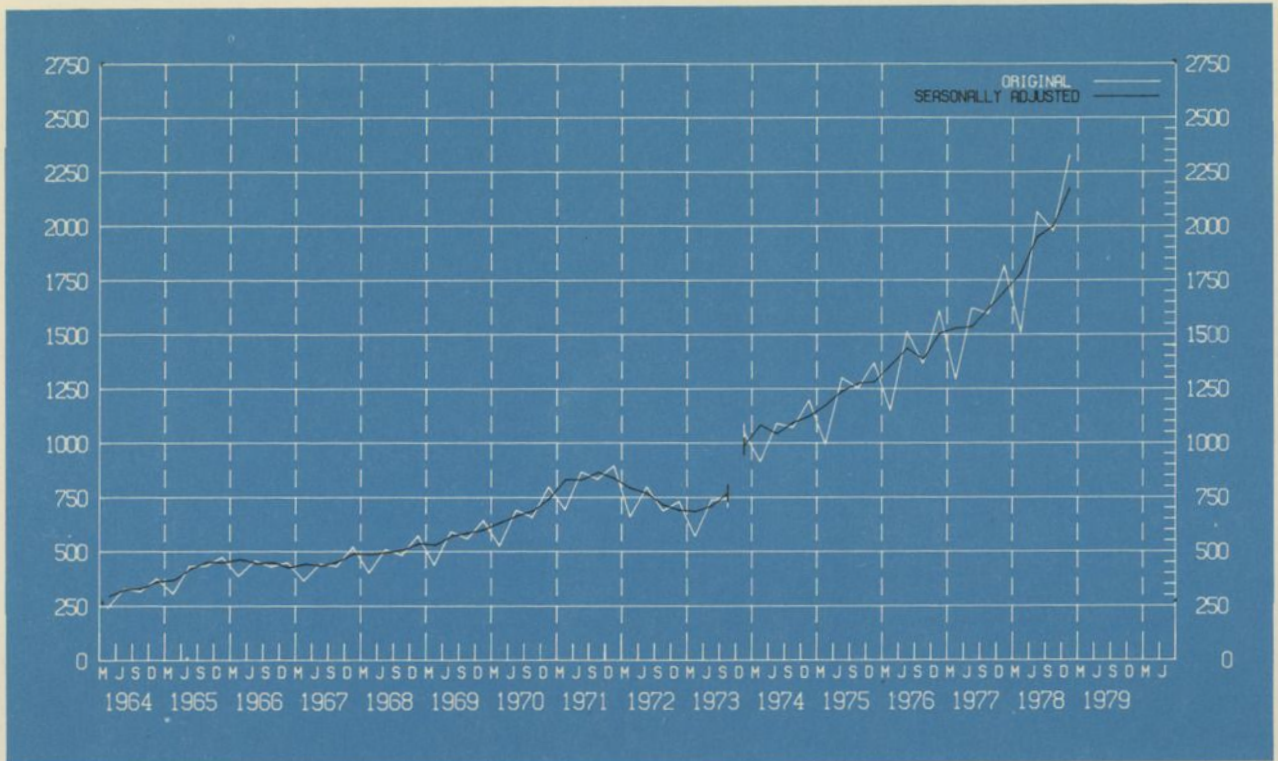
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	79.8	107.6	101.9	117.7
1965	94.0	121.3	133.5	138.7
1966	106.1	115.4	118.7	123.1
1967	115.0	120.6	130.4	153.3
1968	126.8	164.1	147.3	171.0
1969	120.7	176.9	163.0	193.0
1970	159.4	187.6	190.2	217.1
1971	174.2	229.7	230.2	242.5
1972	153.6	218.1	216.0	212.5
1973	156.5	214.6	252.4	297.1A
1974	280.2	286.4	289.8	323.3
1975	248.3	325.3	310.5	369.6
1976	294.7	390.8	358.5	473.3
1977	345.6	430.8	405.1	480.0
1978	333.3	506.1	427.2	599.3
SEASONALLY ADJUSTED				
1964	92.7	105.0	98.4	109.1
1965	109.0	118.3	129.9	127.6
1966	123.3	112.3	116.4	112.5
1967	134.0	116.9	129.1	139.1
1968	148.4	158.6	146.2	154.5
1969	142.5	170.1	161.9	173.7
1970	190.6	180.0	187.6	195.3
1971	209.9	221.2	224.7	218.4
1972	185.9	210.8	209.6	191.4
1973	189.6	207.8	245.1	267.0A
1974	339.1	277.5	282.4	290.0
1975	299.6	315.1	304.0	331.1
1976	354.9	363.8	381.9	401.7
1977	416.7	399.9	432.5	407.3
1978	402.0	469.9	455.5	508.4

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.



NEW CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES  
TOTAL NEW CAPITAL EXPENDITURE

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	245.4	331.7	318.3	377.3
1965	308.8	433.8	435.8	475.2
1966	388.7	458.5	432.4	451.5
1967	367.8	445.5	433.8	522.8
1968	404.2	511.0	484.4	575.2
1969	439.8	592.2	559.7	645.1
1970	527.6	691.7	659.9	799.2
1971	695.5	867.1	835.2	896.1
1972	661.3	798.9	689.0	731.3
1973	571.0	736.9	744.9	1049.6A
1974	913.8	1090.6	1071.0	1197.3
1975	992.1	1299.9	1252.5	1368.4
1976	1148.5	1511.4	1365.7	1607.7
1977	1294.2	1621.4	1596.6	1817.3
1978	1509.3	2065.2	1977.0	2326.3

## SEASONALLY ADJUSTED

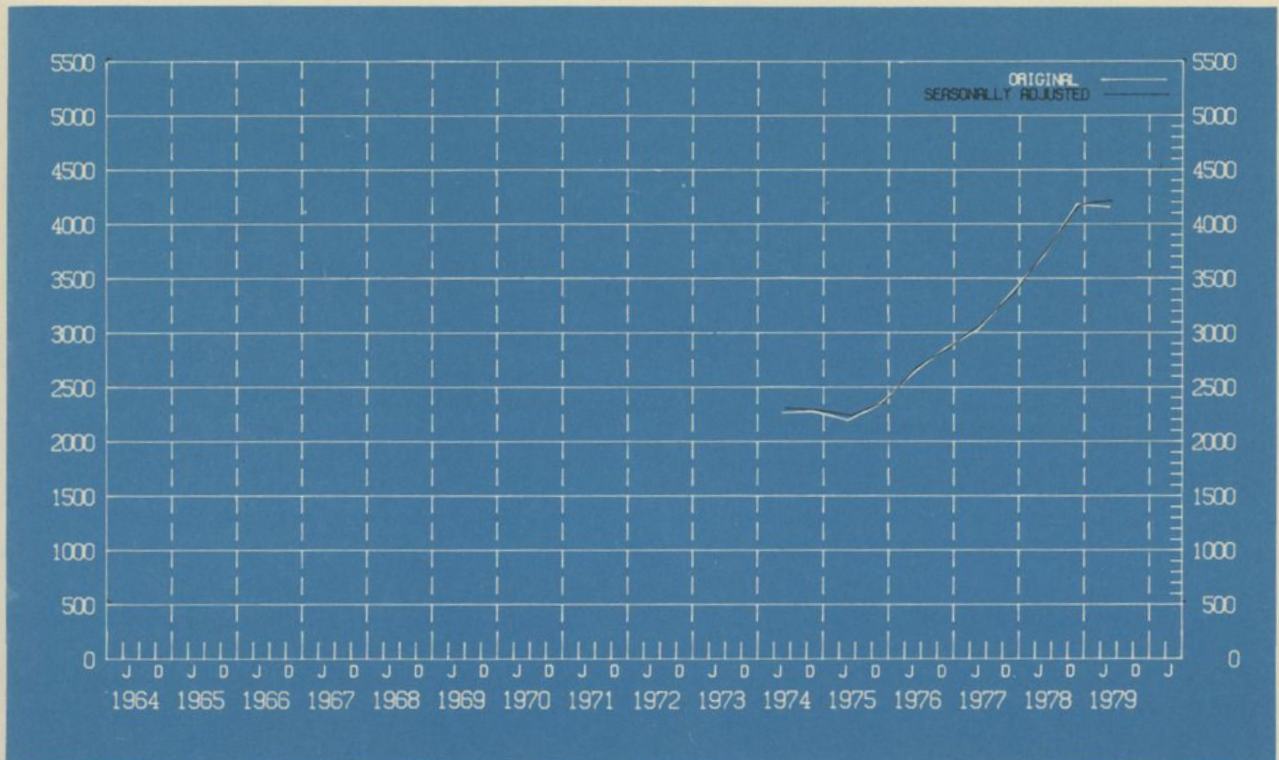
1964	282.1	312.5	319.3	350.6
1965	356.9	408.8	439.1	437.5
1966	451.6	432.8	436.7	412.9
1967	428.9	420.6	439.3	476.5
1968	471.9	482.4	491.8	522.9
1969	514.8	557.4	569.8	585.7
1970	619.3	649.2	671.5	727.5
1971	815.9	813.3	847.4	819.5
1972	773.4	750.5	696.0	671.8
1973	666.3	692.6	750.5	967.0A
1974	1065.2	1025.5	1076.3	1105.7
1975	1156.5	1221.3	1257.4	1265.3
1976	1340.0	1418.9	1369.2	1488.0
1977	1513.0	1519.1	1600.9	1682.7
1978	1766.2	1932.8	1983.3	2154.4

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.



EXPECTED NEW CAPITAL EXPENDITURE BY PRIVATE ENTERPRISES  
TOTAL EXPECTED NEW CAPITAL EXPENDITURE

\$ MILLION



YEAR	HALF YEAR ENDED -	JUN.	DEC.
		ORIGINAL	
1974		2264.5	2278.2
1975		2195.3	2349.6
1976		2632.8	2859.7
1977		3031.4	3370.7
1978		3711.0	4182.2
1979		4155.1	

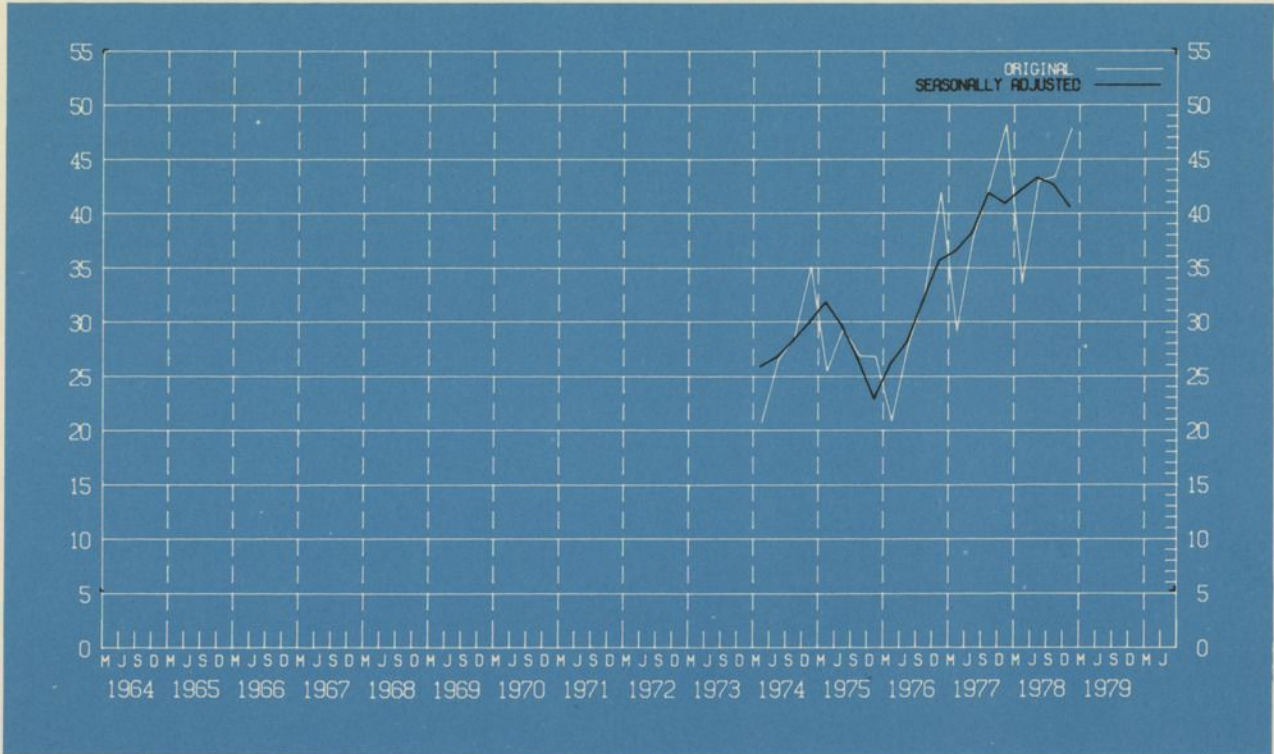
SEASONALLY ADJUSTED

1974	2280.0	2261.2
1975	2211.4	2331.4
1976	2655.0	2832.6
1977	3056.2	3341.2
1978	3736.0	4148.6
1979	4186.4	



MINERAL EXPLORATION (OTHER THAN FOR PETROLEUM) -  
EXPENDITURE BY PRINCIPAL ENTERPRISES

\$ MILLION



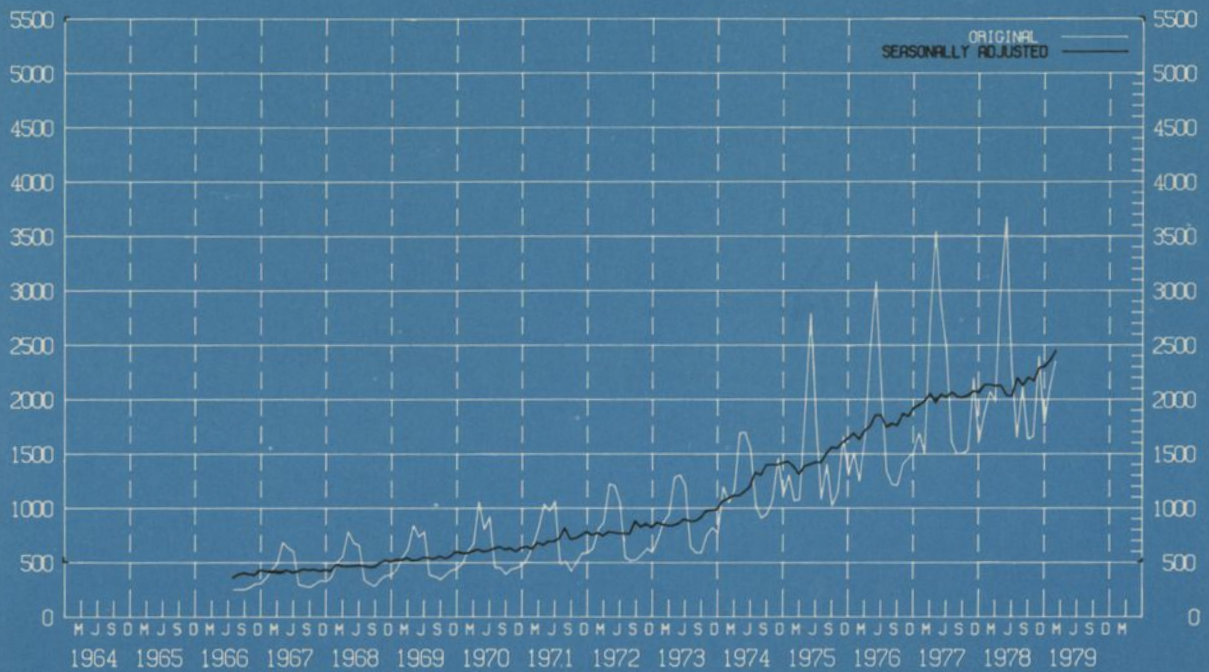
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1974	20.8	26.5	28.6	35.1
1975	25.5	29.4	26.9	26.8
1976	20.9	27.9	32.5	41.9
1977	29.2	37.9	42.6	48.2
1978	33.6	43.0	43.4	47.8

SEASONALLY ADJUSTED

1974	25.7	26.6	28.1	29.8
1975	31.6	29.5	26.4	22.7
1976	26.0	28.0	31.9	35.5
1977	36.4	38.0	41.7	40.8
1978	42.0	43.1	42.5	40.4



TAXATION REVENUE  
COMMONWEALTH AND STATE GOVERNMENT CONSOLIDATED REVENUE FUNDS (A)  
\$ MILLION



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966							248.9	249.1	252.3	271.5	303.8	307.7
1967	362.0	436.2	490.8	686.2	628.1	597.2	293.4	283.7	270.1	302.8	335.0	326.8
1968	368.7	508.2	551.8	781.3	675.1	653.9	333.9	299.7	283.5	346.5	381.3	384.4
1969	441.2	546.8	619.6	839.8	734.4	784.6	382.0	369.5	343.2	390.8	430.0	446.1
1970	492.2	607.3	670.9	1057.0	805.3	918.9	454.6	446.4	390.5	438.2	449.5	474.9
1971	541.8	658.2	816.6	1038.5	974.8	1064.4	486.2	506.9	420.5	499.6	585.8	584.9
1972	629.4	810.9	869.1	1222.5	1202.7	1052.4	541.3	516.9	522.7	573.0	627.8	593.4
1973	718.7	868.8	943.9	1281.7	1305.7	1209.3	640.1	588.3	590.0	754.5	819.8	768.3
1974	1194.2	1049.4	1167.6	1690.7	1694.9	1535.0	1007.7	907.2	945.0	1067.0	1453.5	1117.1
1975	1305.3	1066.5	1080.8	1932.5	2787.3	1807.2	1081.4	1403.7	1022.2	1142.7	1658.2	1303.5
1976	1509.7	1248.0	1647.3	2502.2	3083.8	2119.9	1339.8	1217.8	1204.5	1405.0	1458.1	1516.1
1977	1689.8	1506.8	2722.9	3543.5	2875.8	2472.9	1608.1	1499.3	1502.5	1533.9	2194.6	1607.7
1978	1876.6	2071.1	1979.7	3030.1	3671.5	2321.0	1647.6	2113.3	1632.8	1658.3	2396.2	1776.2
1979	2115.2	2347.4										

SEASONALLY ADJUSTED

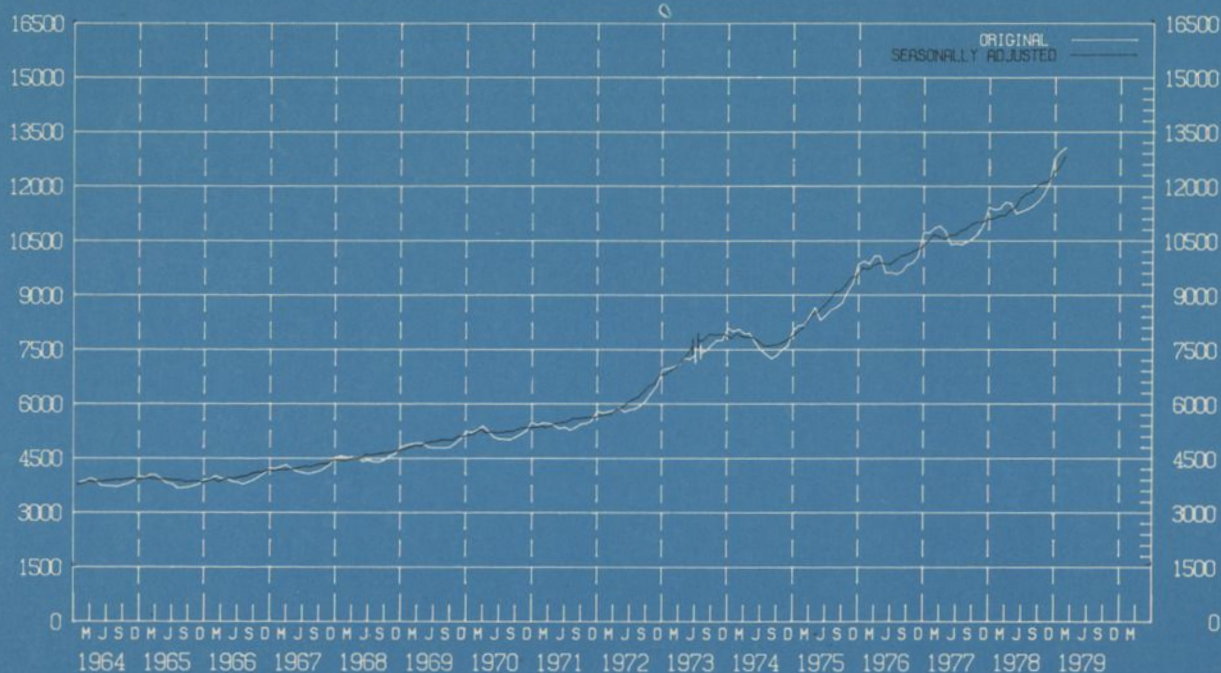
1966							358.3	388.2	401.5	390.5	382.7	430.5
1967	418.7	415.6	415.4	413.3	426.7	405.9	417.5	438.6	426.6	434.5	416.9	431.3
1968	418.1	479.0	464.1	460.4	463.7	466.7	463.8	452.1	454.1	491.6	518.1	502.1
1969	522.1	518.4	536.9	510.7	514.2	540.3	536.0	523.1	546.6	523.8	547.2	593.1
1970	576.4	574.5	592.5	612.7	587.1	600.4	618.1	634.5	608.0	623.6	590.8	624.7
1971	635.2	612.9	674.2	648.8	685.8	685.3	712.0	804.5	703.1	712.9	740.0	771.5
1972	740.2	762.0	731.4	771.8	763.8	757.4	753.5	746.9	866.5	807.9	841.3	803.3
1973	851.5	831.3	822.0	825.9	846.1	882.5	866.2	865.4	894.9	956.9	967.0	971.0
1974	1045.8	1070.9	1099.3	1096.7	1133.0	1176.0	1310.3	1281.8	1382.8	1382.7	1381.2	1399.9
1975	1412.5	1364.3	1291.3	1367.8	1384.8	1405.4	1400.1	1480.9	1540.6	1529.8	1582.3	1620.6
1976	1667.0	1610.2	1690.4	1728.9	1834.8	1832.4	1722.7	1758.7	1737.2	1847.7	1819.6	1898.2
1977	1926.6	1962.7	2029.5	1948.4	2021.8	1996.6	2044.2	1999.3	1997.9	2017.3	2057.2	2036.0
1978	2115.1	2111.4	2102.3	2105.2	2011.9	2010.9	2172.4	2104.0	2179.4	2146.1	2268.4	2279.0
1979	2338.4	2423.3										

(A) THE CONSOLIDATED FUND IN VICTORIA.



VOLUME OF MONEY - DEFINITION M1  
(SOURCE OF ORIGINAL DATA - RESERVE BANK OF AUSTRALIA)

\$ MILLION



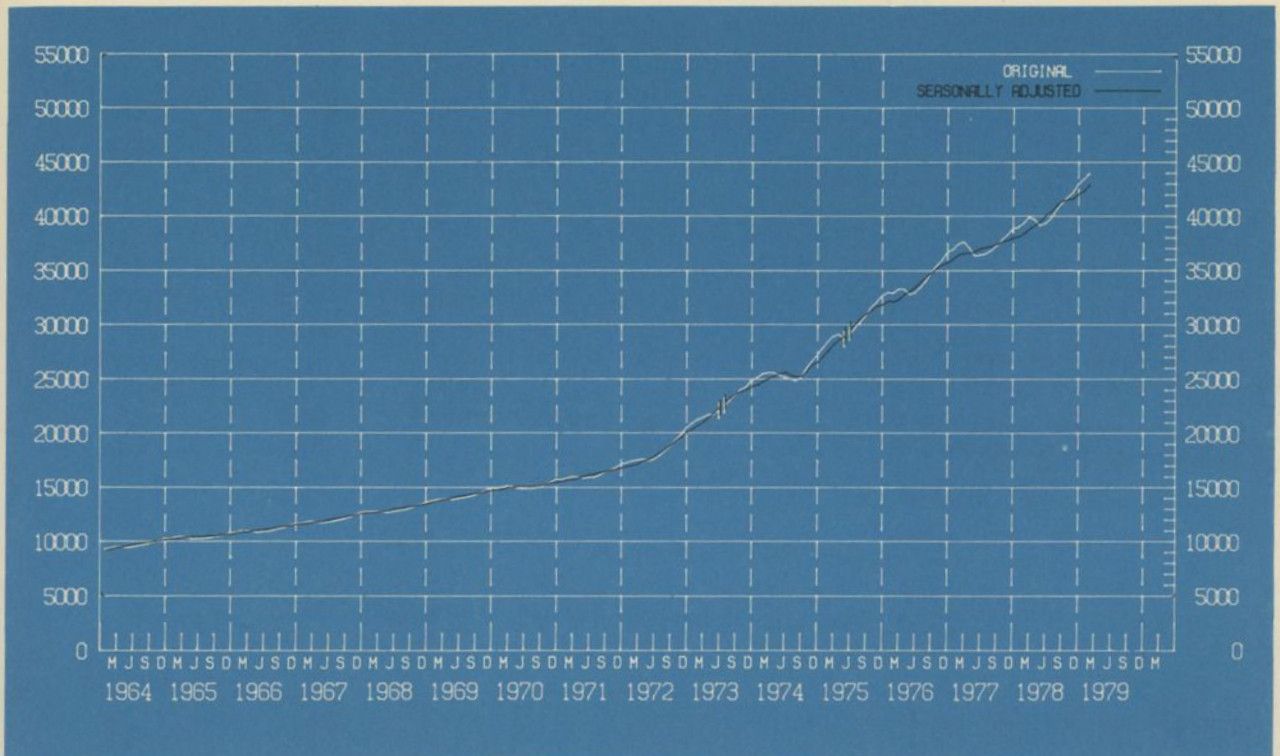
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	3838	3871	3942	3894	3743	3732	3723	3699	3760	3799	3871	3991
1965	3956	4032	4034	3920	3810	3790	3671	3670	3689	3733	3788	3907
1966	3894	3995	3933	3927	3831	3817	3760	3815	3882	3967	4062	4203
1967	4182	4246	4291	4169	4106	4074	4035	4073	4113	4189	4300	4495
1968	4529	4496	4507	4488	4379	4414	4374	4359	4421	4527	4581	4752
1969	4821	4858	4885	4864	4752	4750	4746	4740	4756	4865	4989	5205
1970	5160	5234	5337	5203	5041	4984	4983	4961	5036	5112	5213	5447
1971	5368	5419	5415	5365	5273	5313	5228	5299	5397	5416	5498	5750
1972	5703	5738	5774	5848	5735	5795	5822	5920	6053	6269	6468	6899
1973	6927	6977	7039	7223	7190	7317	7357A	7432	7587	7720	7717	8050
1974	7956	8016	7899	7902	7649	7450	7324	7210	7295	7465	7549	7990
1975	8116	8133	8362	8625	8267	8389	8559	8631	8743	9059	9279	9807
1976	9890	9823	10041	10025	9573	9572	9531	9601	9785	9839	10029	10681
1977	10675	10805	10863	10707	10343	10377	10348	10423	10512	10647	10896	11378
1978	11311	11334	11509	11480	11204	11266	11328	11411	11539	11725	12011	12709
1979	12899	13012										
SEASONALLY ADJUSTED												
1964	3721	3746	3814	3791	3802	3816	3831	3856	3840	3865	3884	3853
1965	3871	3897	3872	3850	3869	3839	3822	3827	3767	3799	3802	3768
1966	3806	3858	3774	3861	3891	3867	3915	3934	4007	4040	4032	4096
1967	4084	4105	4109	4117	4125	4175	4199	4195	4242	4266	4268	4375
1968	4373	4352	4386	4422	4400	4522	4498	4530	4558	4560	4596	4621
1969	4656	4711	4764	4740	4830	4862	4874	4918	4903	4898	5005	5000
1970	5042	5084	5199	5089	5126	5096	5108	5140	5130	5201	5233	5232
1971	5247	5276	5253	5279	5362	5368	5408	5491	5493	5508	5529	5519
1972	5576	5594	5599	5755	5772	5914	6017	6077	6226	6383	6447	6692
1973	6694	6804	6904	7070	7241	7470	7606A	7639	7811	7788	7789	7798
1974	7683	7827	7738	7716	7709	7614	7485	7478	7502	7545	7623	7727
1975	7835	7954	8149	8362	8420	8587	8748	8959	9007	9170	9377	9379
1976	9627	9596	9707	9762	9755	9719	9840	9965	9989	10068	10134	10210
1977	10382	10555	10496	10419	10548	10548	10678	10713	10842	10894	10899	10988
1978	10997	11080	11072	11228	11318	11572	11682	11731	11900	11995	12013	12273
1979	12413	12714										

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.



VOLUME OF MONEY - DEFINITION M3  
(SOURCE OF ORIGINAL DATA - RESERVE BANK OF AUSTRALIA)

\$ MILLION



YEAR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

ORIGINAL

1964	9339	9429	9541	9544	9477	9556	9657	9734	9880	9992	10142	10313
1965	10300	10439	10488	10404	10288	10337	10320	10378	10458	10560	10690	10846
1966	10875	11052	11000	10963	10877	10938	10981	11104	11218	11356	11518	11686
1967	11706	11830	11895	11770	11747	11824	11902	12020	12155	12312	12506	12739
1968	12802	12801	12824	12771	12684	12805	12878	12955	13096	13272	13422	13635
1969	13757	13869	13930	13931	13883	13974	14056	14154	14267	14475	14706	14934
1970	14882	14976	15105	14992	14860	14837	14858	14884	15038	15221	15427	15698
1971	15648	15806	15909	15868	15766	15851	15860	16060	16350	16526	16730	17067
1972	17189	17378	17438	17516	17367	17508	17827	18255	18704	19281	19787	20425
1973	20800	21175	21347	21599	21659	22001	22382A	22915	23450	23911	24149	24779
1974	24998	25377	25478	25470	25243	25087	24889	24761	25008	25824	26494	27048
1975	27737	28329	28823	29034	28624	28929A	29604	30177	30761	31496	31985	32608
1976	32878	32796	33180	33175	32677	32871	33373	33932	34676	35312	35815	36595
1977	36830	37336	37517	36972	36224	36331	36430	36759	37143	37709	38197	38749
1978	38872	39238	39807	39564	39026	39246	39686	40487	41073	41605	42053	42838
1979	43277	43798										

SEASONALLY ADJUSTED

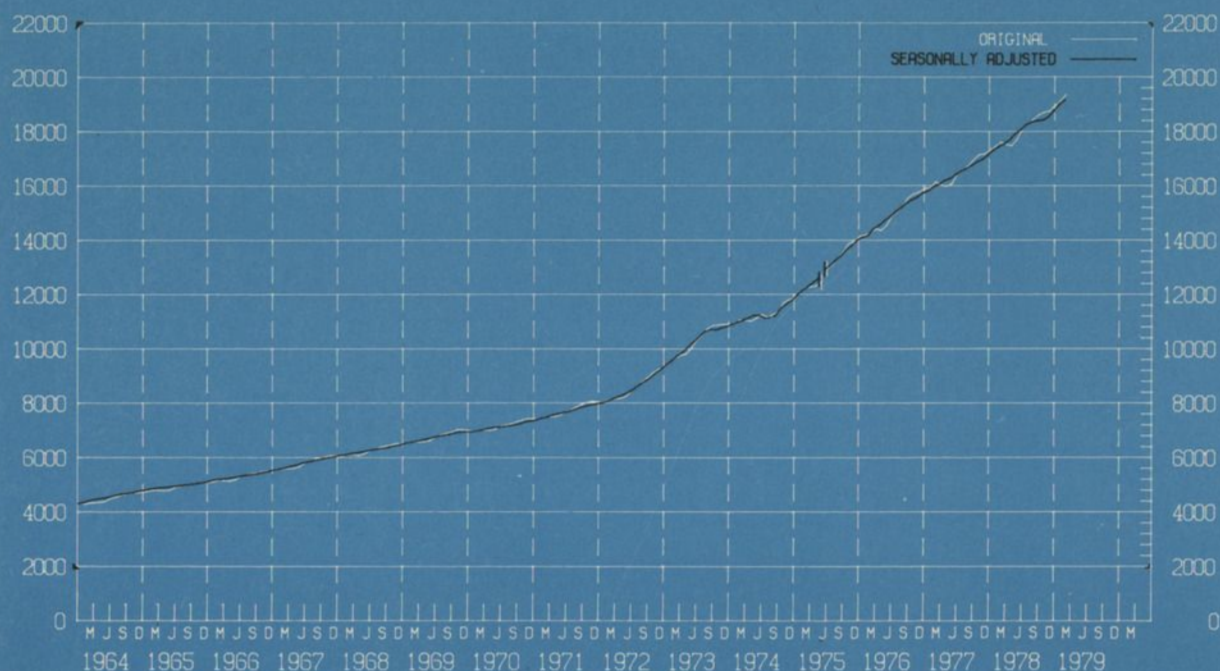
1964	9209	9289	9419	9482	9608	9688	9767	9878	9935	10023	10105	10142
1965	10198	10286	10329	10380	10428	10440	10477	10521	10511	10593	10646	10669
1966	10767	10890	10844	10952	11022	11044	11144	11217	11319	11390	11423	11540
1967	11583	11662	11720	11778	11855	11982	12075	12135	12256	12345	12404	12572
1968	12618	12632	12711	12768	12798	12972	13019	13124	13205	13259	13359	13451
1969	13567	13694	13817	13865	14055	14154	14207	14336	14392	14455	14634	14673
1970	14731	14796	14973	14925	15046	15020	15012	15075	15111	15252	15359	15420
1971	15490	15639	15665	15825	15991	16089	16194	16339	16460	16559	16662	16763
1972	16934	17031	17155	17453	17556	17846	18206	18523	18910	19326	19652	20130
1973	20394	20744	21053	21467	21909	22449	22872A	23279	23724	23893	24085	24405
1974	24488	24847	25070	25290	25552	25658	25376	25226	25288	25809	26398	26635
1975	27177	27753	28296	28762	29085	29624A	30189	30757	31125	31469	31859	31991
1976	32309	32168	32503	32915	33236	33563	34098	34575	34948	35369	35656	35883
1977	36202	36572	36691	36689	36880	37119	37227	37326	37555	37767	37909	38136
1978	38226	38536	38958	39316	39630	40188	40517	41120	41510	41642	41724	42151
1979	42429	42997										

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.



## SAVINGS BANKS - DEPOSITORS' BALANCES (A)

\$ MILLION



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	4260.0	4302.5	4320.0	4346.0	4374.3	4476.2	4535.4	4597.3	4644.7	4683.3	4704.5	4734.2
1965	4749.1	4782.6	4781.7	4757.8	4785.8	4886.6	4922.4	4967.9	4994.2	5034.4	5065.0	5066.1
1966	5084.9	5141.8	5117.6	5102.1	5140.5	5253.7	5307.7	5356.4	5391.4	5448.5	5474.4	5471.4
1967	5511.7	5544.4	5551.3	5558.2	5622.7	5764.7	5820.7	5890.2	5952.2	6001.2	6030.5	6021.4
1968	6046.1	6071.1	6067.6	6043.4	6111.9	6221.5	6280.0	6349.1	6385.1	6442.4	6484.8	6456.3
1969	6497.9	6546.5	6524.5	6537.8	6582.6	6707.1	6790.9	6849.6	6900.3	6977.6	6976.4	6943.1
1970	6934.7	6948.8	6955.2	6944.2	6991.0	7104.7	7148.8	7204.5	7266.2	7333.8	7377.5	7362.8
1971	7358.4	7418.9	7427.3	7448.3	7509.5	7634.5	7708.0	7814.0	7899.8	7984.1	8008.8	7982.1
1972	7987.8	8055.7	8092.3	8120.6	8192.4	8391.4	8540.5	8718.7	8882.4	9062.9	9192.8	9261.8
1973	9417.3	9569.0	9700.3	9736.7	9935.3	10237.9	10438.1	10666.7	10803.9	10817.8	10851.6	10841.3
1974	10904.3	10995.2	10991.7	10963.0	11074.2	11195.6	11087.4	11193.7	11308.3	11645.5	11739.7	11815.9
1975	12012.2	12183.6	12218.1	12258.6	12406.8	12868.5B	13024.4	13276.3	13519.8	13822.0	13882.5	14083.9
1976	14121.8	14228.3	14354.9	14294.0	14467.4	14822.5	14985.8	15201.1	15501.0	15629.1	15700.0	15833.8
1977	15845.1	16090.3	15964.5	15913.6	16016.9	16365.3	16504.8	16666.6	16876.0	17082.0	17103.2	17247.9
1978	17379.6	17543.1	17452.7	17408.7	17649.7	18046.3	18221.8	18381.4	18537.0	18635.5	18677.2	18869.5
1979	19056.0	19278.4										
SEASONALLY ADJUSTED												
1964	4257.9	4310.0	4357.5	4413.9	4447.1	4470.1	4521.0	4567.4	4605.1	4634.8	4664.8	4715.6
1965	4752.6	4789.5	4815.6	4839.0	4863.8	4885.9	4908.1	4929.6	4957.8	4983.8	5015.8	5054.7
1966	5088.8	5142.1	5160.8	5190.1	5215.7	5254.2	5286.2	5322.1	5351.3	5386.1	5427.1	5460.6
1967	5510.0	5552.7	5600.2	5647.0	5703.9	5759.8	5805.3	5852.3	5898.8	5937.1	5976.4	6003.0
1968	6054.8	6082.8	6116.5	6147.2	6190.9	6227.4	6265.2	6300.8	6333.9	6369.7	6416.8	6445.1
1969	6511.9	6553.5	6587.6	6631.2	6674.8	6717.2	6768.6	6806.5	6842.8	6886.2	6910.7	6932.0
1970	6943.8	6967.0	7004.0	7050.3	7088.8	7110.0	7138.2	7160.5	7193.7	7244.8	7309.0	7342.6
1971	7378.5	7439.0	7484.9	7560.0	7604.4	7652.6	7702.8	7759.5	7830.4	7887.9	7925.3	7972.0
1972	8007.0	8063.0	8149.8	8231.2	8308.1	8412.2	8532.6	8675.7	8806.8	8943.3	9113.4	9250.1
1973	9421.3	9569.5	9748.8	9882.7	10078.5	10249.1	10452.5	10625.3	10702.4	10691.7	10764.3	10808.0
1974	10899.5	10966.0	11054.5	11131.5	11224.6	11221.4	11112.4	11147.8	11221.3	11511.8	11639.3	11784.4
1975	11979.9	12149.2	12287.5	12435.7	12595.5	12900.2B	13043.2	13251.7	13422.8	13649.3	13789.0	13997.4
1976	14091.2	14169.6	14422.1	14525.7	14695.2	14841.8	15030.9	15184.2	15363.6	15465.9	15569.4	15735.0
1977	15805.9	15965.6	16050.4	16188.5	16263.5	16410.9	16539.4	16639.6	16763.5	16882.1	16983.5	17140.3
1978	17324.7	17451.0	17550.5	17700.8	17931.0	18081.0	18262.0	18360.5	18395.2	18417.3	18543.1	18746.5
1979	18996.2	19161.3										

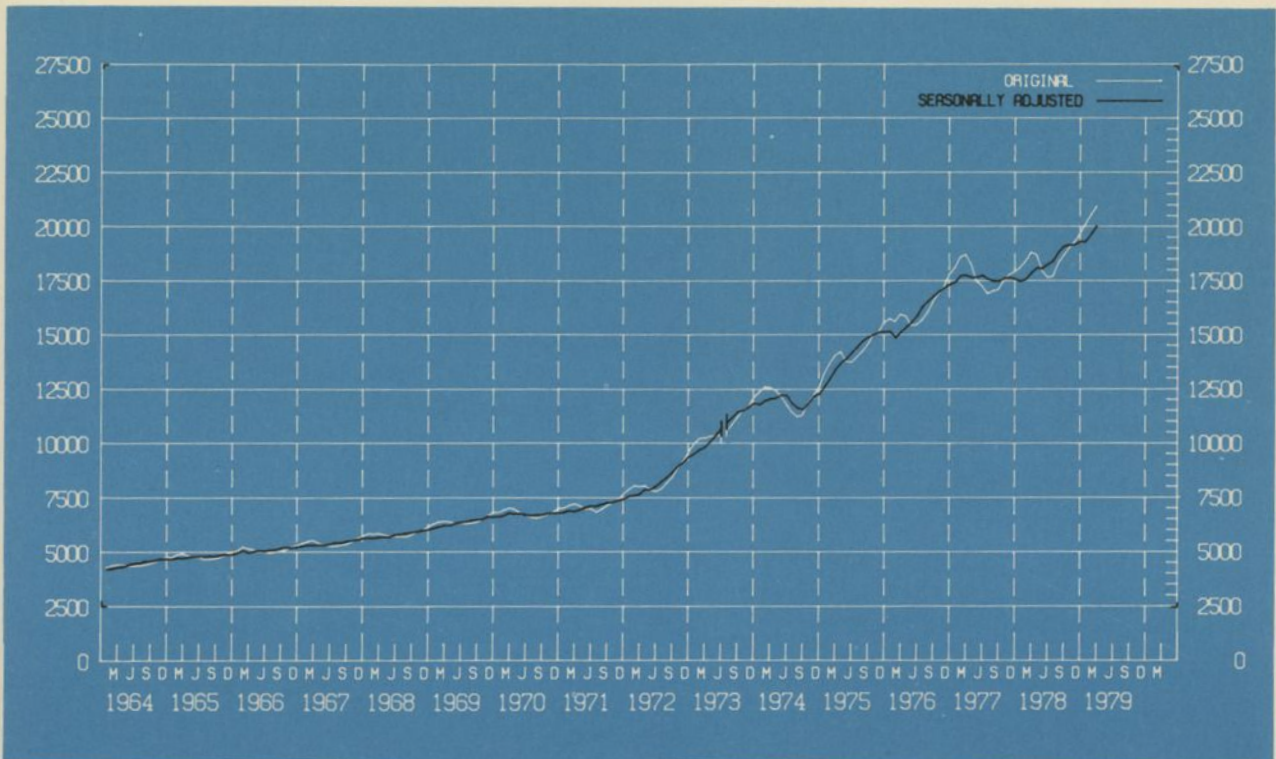
(A) EXCLUDES EXTERNAL TERRITORIES.

(B) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.



## MAJOR TRADING BANKS - TOTAL DEPOSITS

\$ MILLION

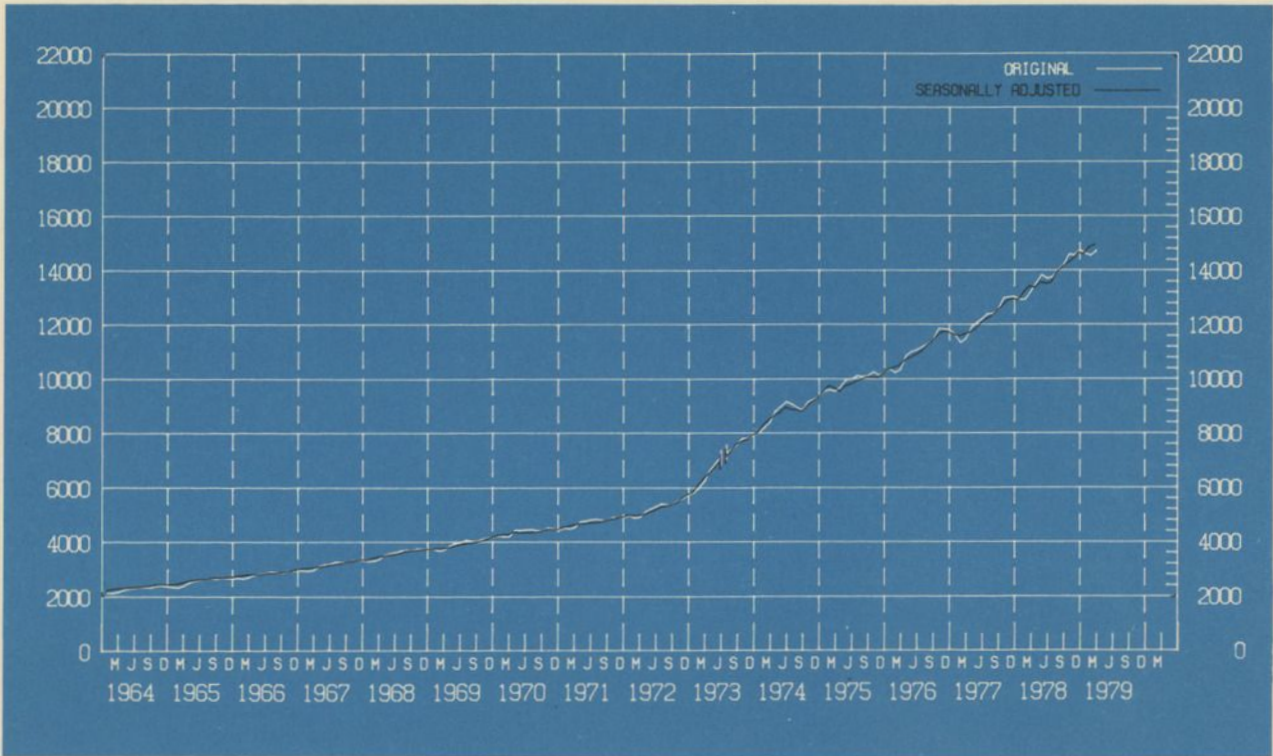


YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	4302.1	4369.0	4428.1	4418.9	4356.7	4378.2	4389.3	4411.5	4487.6	4551.3	4674.9	4779.0
1965	4749.7	4874.9	4899.6	4826.4	4736.2	4746.4	4651.6	4678.1	4705.2	4778.1	4865.8	4978.8
1966	5048.8	5222.8	5153.1	5095.9	5010.4	4992.5	4938.5	4983.7	5029.4	5125.3	5217.9	5297.9
1967	5382.9	5489.2	5515.9	5372.9	5310.2	5264.8	5258.9	5298.4	5342.2	5446.5	5592.5	5717.1
1968	5819.4	5816.2	5831.5	5759.4	5688.7	5697.9	5682.5	5668.1	5744.8	5887.1	5979.2	6110.3
1969	6260.7	6349.0	6378.5	6356.0	6265.8	6277.1	6249.4	6256.6	6310.8	6452.7	6603.9	6758.6
1970	6759.8	6870.1	6963.8	6891.4	6726.2	6623.3	6525.9	6480.7	6567.1	6665.7	6767.9	6945.4
1971	6946.2	7091.4	7149.0	7044.7	6915.2	6912.0	6772.8	6899.3	7091.2	7181.5	7342.0	7609.8
1972	7830.0	7988.5	7952.4	7997.6	7770.4	7719.3	7845.2	8130.8	8397.9	8826.3	9139.0	9549.3
1973	9932.3	10186.7	10184.4	10292.1	10266.8	10320.9	10480.0A	10812.6	11133.2	11451.3	11606.9	12066.3
1974	12296.8	12544.7	12516.3	12374.6	12095.3	11754.8	11380.4	11162.5	11249.5	11800.4	12119.4	12507.5
1975	13179.2	13628.3	13982.7	14159.5	13700.0	13665.3	13909.7	14179.6	14497.0	14943.1	15066.5	15500.1
1976	15678.6	15536.1	15870.0	15778.6	15347.9	15385.2	15613.8	15957.9	16456.3	16830.9	17126.5	17708.0
1977	18021.5	18513.8	18628.6	18158.1	17396.0	17192.7	16825.8	16948.6	17027.3	17420.5	17718.2	17848.7
1978	18054.0	18340.4	18743.1	18619.7	17890.2	17593.4	17637.4	18254.6	18599.5	18951.5	19232.1	19601.2
1979	20046.0	20460.5	20851.5									
SEASONALLY ADJUSTED												
1964	4195.3	4228.0	4297.9	4307.6	4411.8	4462.3	4484.7	4557.7	4573.3	4619.2	4685.9	4677.4
1965	4670.1	4720.2	4717.5	4759.6	4790.4	4795.8	4795.1	4829.1	4793.9	4849.0	4877.1	4874.4
1966	4957.3	5058.2	4968.0	5033.8	5063.8	5043.5	5092.5	5103.2	5169.1	5203.0	5187.1	5229.9
1967	5277.3	5315.7	5316.8	5311.9	5318.2	5361.0	5426.1	5429.5	5489.9	5528.6	5560.6	5642.1
1968	5654.6	5634.4	5675.8	5696.6	5692.3	5794.4	5816.4	5858.1	5904.7	5927.2	5994.7	6027.9
1969	6084.0	6158.3	6219.3	6230.1	6315.1	6370.5	6397.4	6464.5	6486.7	6497.6	6619.2	6610.0
1970	6628.0	6671.3	6806.2	6748.4	6769.6	6707.8	6678.1	6695.1	6694.4	6771.0	6787.2	6790.1
1971	6816.1	6898.2	6855.4	6940.4	7042.5	7108.2	7101.4	7191.5	7256.7	7264.1	7370.3	7411.6
1972	7551.9	7605.2	7631.9	7860.8	7847.9	7999.3	8217.8	8413.2	8655.0	8934.7	9117.3	9374.0
1973	9514.5	9718.0	9840.4	10088.5	10371.4	10694.2	10967.0A	11190.6	11468.4	11516.2	11675.6	11851.3
1974	11792.1	11979.2	12059.9	12104.6	12219.5	12219.4	11843.6	11623.1	11576.6	11874.3	12181.7	12299.8
1975	12662.8	13029.7	13441.0	13741.4	13923.7	14211.2	14471.2	14754.7	14907.3	15036.5	15141.4	15154.1
1976	15179.1	14890.2	15151.8	15382.3	15606.5	15897.5	16333.8	16592.7	16815.4	17027.9	17192.2	17348.6
1977	17465.1	17756.4	17778.3	17680.0	17686.7	17781.0	17600.3	17513.1	17496.5	17627.2	17681.1	17602.7
1978	17499.9	17602.5	17888.5	18119.9	18090.7	18292.2	18443.6	18855.9	19108.2	19175.5	19188.9	19334.6
1979	19312.3	19645.3	20023.3									

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.



MAJOR TRADING BANKS - LOANS, ADVANCES AND BILLS DISCOUNTED  
\$ MILLION



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	2142.6	2137.4	2177.7	2256.1	2305.7	2333.2	2367.5	2358.9	2360.5	2412.2	2417.4	2385.9
1965	2361.2	2342.0	2397.5	2524.3	2594.1	2631.1	2674.8	2666.3	2651.8	2678.2	2676.8	2660.9
1966	2665.9	2642.7	2697.8	2792.1	2818.5	2844.6	2900.8	2866.2	2866.2	2915.2	2930.6	2952.3
1967	2934.0	2911.6	2961.9	3085.8	3136.7	3180.9	3244.3	3228.9	3228.5	3310.7	3312.3	3306.8
1968	3267.0	3287.9	3354.2	3504.2	3559.1	3597.7	3662.4	3675.6	3664.7	3716.8	3704.8	3717.6
1969	3687.1	3632.9	3676.5	3820.0	3901.1	3952.2	4026.8	3979.6	3985.6	4060.1	4095.5	4139.5
1970	4178.8	4150.9	4160.6	4388.2	4375.9	4400.9	4422.2	4368.2	4357.2	4472.1	4436.0	4392.5
1971	4465.8	4440.1	4503.2	4704.9	4720.3	4770.0	4785.7	4740.4	4735.7	4845.5	4849.4	4856.5
1972	4927.1	4831.9	4868.0	5057.5	5173.2	5257.0	5361.6	5313.4	5329.6	5462.3	5584.6	5705.6
1973	5767.1	5960.2	6206.7	6596.2	6853.9	7087.6	7211.6A	7355.4	7556.7	7767.8	7754.2	7894.2
1974	7989.6	8146.3	8353.7	8763.9	8916.0	9099.2	8995.6	8870.9	8775.3	9103.3	9178.9	9271.7
1975	9504.2	9526.0	9484.4	9642.8	9913.0	9932.3	10045.8	10013.9	10056.7	10195.4	10072.1	10176.0
1976	10288.6	10167.1	10304.2	10792.9	10948.4	11013.9	11120.2	11227.6	11365.0	11786.8	11782.6	11735.6
1977	11571.8	11282.9	11420.1	11819.4	12001.9	12147.8	12330.0	12343.0	12502.6	12911.3	12952.2	12959.2
1978	12851.6	12861.8	13152.0	13463.1	13756.9	13626.2	13685.1	13961.6	14116.4	14516.2	14487.8	14682.7
1979	14536.8	14479.4	14651.5									

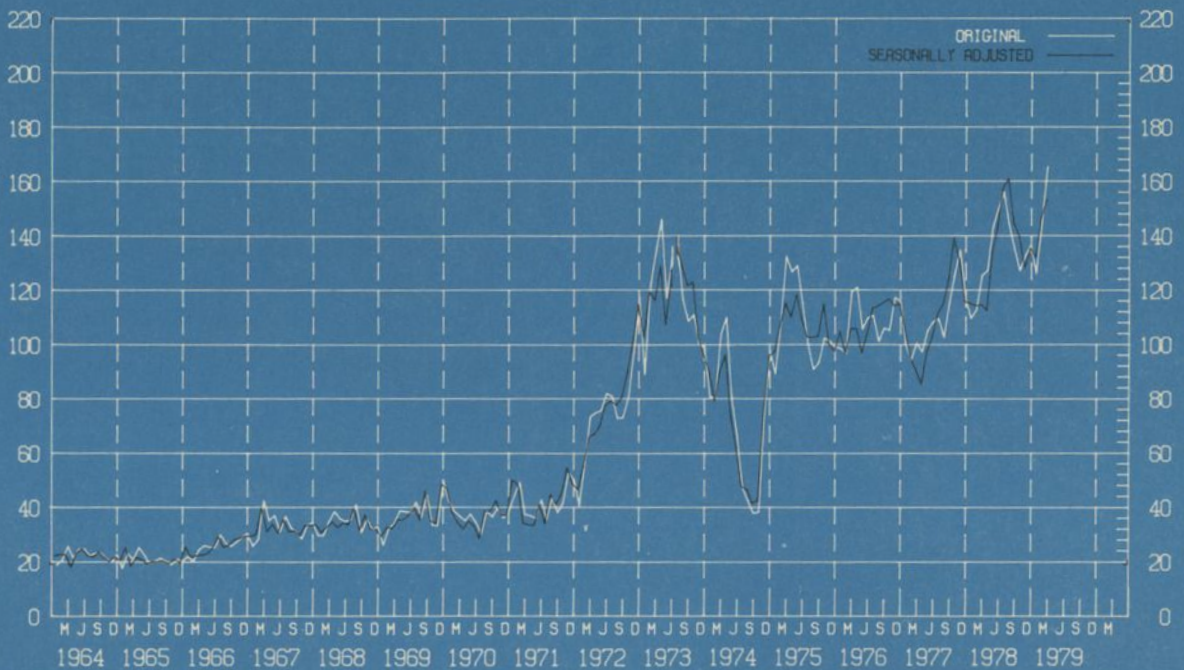
SEASONALLY ADJUSTED												
1964	2187.2	2216.8	2242.3	2253.4	2281.9	2294.8	2307.2	2326.3	2352.2	2386.9	2403.7	2398.6
1965	2411.0	2430.7	2465.1	2515.8	2562.9	2586.2	2608.4	2632.1	2645.8	2652.2	2665.3	2676.1
1966	2720.0	2741.4	2770.8	2778.2	2781.2	2796.3	2830.2	2833.3	2863.7	2889.7	2922.4	2969.1
1967	2988.2	3016.0	3038.4	3066.3	3093.7	3128.1	3167.6	3197.2	3229.9	3285.2	3308.4	3325.0
1968	3320.4	3398.1	3437.5	3477.4	3509.9	3538.0	3578.9	3646.6	3672.5	3692.0	3705.1	3739.2
1969	3739.1	3745.2	3763.4	3786.5	3845.8	3885.4	3938.8	3955.8	4001.6	4036.1	4100.8	4166.2
1970	4230.5	4269.5	4253.6	4345.1	4310.8	4324.2	4330.4	4350.5	4380.5	4448.0	4446.9	4425.3
1971	4516.0	4557.0	4597.3	4654.6	4646.9	4685.6	4692.0	4728.8	4765.1	4819.8	4865.6	4896.3
1972	4977.8	4951.2	4963.8	5000.7	5090.8	5166.3	5265.4	5307.0	5362.0	5430.0	5605.0	5753.4
1973	5820.5	6100.8	6326.3	6521.9	6743.5	6975.6	7097.0A	7351.1	7599.5	7711.2	7776.5	7951.2
1974	8054.4	8339.4	8515.3	8670.7	8777.6	8974.0	8873.2	8869.8	8813.8	9018.1	9190.1	9320.1
1975	9574.6	9759.5	9671.8	9552.3	9766.9	9820.4	9929.5	10014.0	10090.1	10075.6	10061.5	10206.8
1976	10357.6	10430.5	10513.7	10706.7	10798.4	10914.7	11009.3	11226.4	11388.7	11622.8	11749.2	11751.2
1977	11645.4	11588.5	11657.1	11740.3	11843.3	12058.9	12218.1	12337.8	12522.1	12711.9	12903.0	12963.5
1978	12930.3	13220.5	13429.3	13380.5	13579.6	13534.4	13567.2	13952.7	14132.7	14278.0	14425.8	14680.2
1979	14624.1	14888.8	14962.9									

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.



MAJOR TRADING BANKS - NEW AND INCREASED LENDING COMMITMENTS  
(SOURCE OF ORIGINAL DATA - RESERVE BANK OF AUSTRALIA)

\$ MILLION



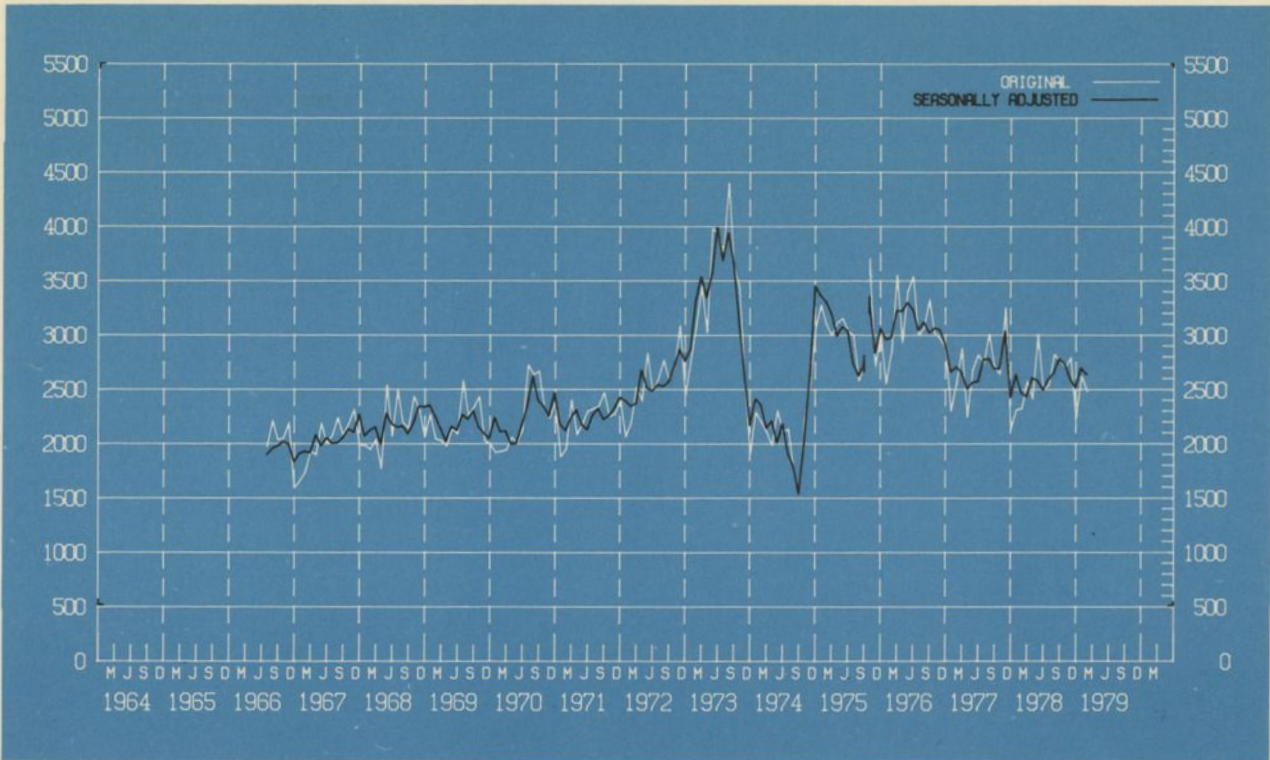
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1964	18.9	20.8	25.8	21.5	24.8	24.9	22.3	23.3	23.3	21.3	20.0	22.8
1965	17.6	23.2	20.8	25.4	22.7	19.5	20.4	21.5	20.2	19.1	21.1	20.4
1966	22.1	20.3	24.6	26.1	25.5	25.3	30.1	26.8	25.8	27.4	29.0	30.5
1967	25.7	28.4	42.6	35.2	37.1	31.1	36.9	32.6	30.7	28.4	33.5	34.5
1968	29.7	29.7	34.8	38.5	35.9	34.9	35.5	41.0	30.7	35.6	31.9	33.1
1969	26.2	32.3	34.3	38.8	38.5	38.1	42.0	36.4	44.6	33.5	33.4	50.0
1970	42.5	38.6	36.8	35.1	37.6	34.6	30.3	38.8	36.5	39.9	36.1	38.4
1971	44.2	49.2	37.4	37.0	36.0	42.9	35.6	43.8	38.1	41.8	52.7	50.2
1972	40.8	56.4	73.5	75.0	75.8	82.0	80.9	72.9	73.1	80.6	97.3	117.8
1973	89.1	121.6	134.0	146.1	117.1	132.2	137.1A	116.5	108.7	111.1	100.2	98.7
1974	80.8	80.6	103.9	110.0	80.3	66.4	47.3	42.3	37.8	38.4	75.0	97.8
1975	89.2	108.0	132.4	126.7	129.0	115.2	100.4	90.8	93.3	102.3	101.1	99.0
1976	98.5	96.5	119.4	121.0	105.7	109.8	110.7	101.2	106.0	105.2	117.2	116.0
1977	100.0	94.1	100.5	97.3	105.0	108.3	109.5	102.7	115.0	125.9	134.8	116.7
1978	109.6	112.8	125.4	127.1	143.2	149.8	156.1	144.0	135.3	127.1	132.7	136.5
1979	126.2	144.7	165.2									
SEASONALLY ADJUSTED												
1964	22.9	23.3	23.1	18.5	23.8	25.3	22.8	22.2	24.1	22.1	20.5	22.4
1965	21.0	25.7	18.9	22.2	21.3	19.8	20.6	20.6	20.8	19.9	21.5	20.1
1966	26.0	22.3	22.9	23.0	23.6	25.6	29.9	26.0	26.8	28.8	29.3	30.1
1967	29.9	30.7	40.4	31.6	34.4	31.2	36.1	31.7	32.0	30.1	33.9	34.0
1968	34.2	31.3	33.4	35.2	33.2	34.9	34.3	40.3	32.2	37.8	32.6	32.6
1969	29.9	33.3	32.9	36.2	36.0	37.7	40.6	36.0	46.6	35.6	34.4	49.1
1970	47.4	38.8	34.9	32.6	35.4	33.8	29.1	39.1	38.9	43.0	37.5	37.6
1971	50.5	48.9	34.6	34.0	33.9	41.6	34.5	45.1	41.6	45.5	55.1	49.0
1972	47.0	55.4	66.3	67.6	70.5	78.0	79.6	78.0	81.0	90.1	101.4	115.3
1973	102.9	119.9	116.5	129.4	107.8	124.7	137.1A	128.9	122.2	123.4	103.0	96.8
1974	90.6	79.7	90.9	96.8	73.9	62.8	48.2	47.1	42.2	43.3	75.9	96.4
1975	97.9	107.9	115.8	110.6	118.7	109.4	103.3	103.2	103.6	115.4	100.5	98.1
1976	105.4	97.0	106.4	106.4	97.5	104.6	113.8	114.8	116.1	117.4	114.8	115.6
1977	105.8	95.8	91.2	85.9	97.8	103.4	112.0	115.7	124.4	139.7	131.3	116.2
1978	115.6	114.7	115.2	112.9	134.3	143.6	158.3	161.4	145.0	140.3	128.6	135.9
1979	132.4	147.3	153.6									

(A) BREAK IN CONTINUITY OF SERIES DUE TO CHANGE IN DEFINITION - SEE EXPLANATORY NOTES.

NOTE - THIS SERIES IS SUBJECT TO LARGE IRREGULAR FLUCTUATIONS AND PARTICULAR CARE SHOULD BE EXERCISED IN INTERPRETING INDIVIDUAL MONTH-TO-MONTH MOVEMENTS.



HOUSING FINANCE FOR OWNER OCCUPATION - LOANS APPROVED TO INDIVIDUALS  
CONSTRUCTION OF DWELLINGS AND PURCHASE OF NEWLY ERECTED DWELLINGS  
SAVINGS BANKS  
NUMBER OF DWELLING UNITS



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966							1970	2206	2030	2050	2184	1588
1967	1649	1731	1925	1892	2181	2002	2073	2233	2076	2181	2307	1983
1968	1979	1939	2035	1767	2533	2065	2485	2187	2138	2431	2312	2055
1969	2262	2038	2025	1972	2132	2083	2575	2254	2335	2431	2020	1989
1970	1914	1926	1937	2049	1999	2124	2720	2633	2662	2335	2230	2377
1971	1876	1944	2397	2078	2175	2298	2317	2340	2468	2245	2273	2397
1972	2059	2190	2518	2390	2828	2473	2591	2764	2574	2698	3081	2440
1973	2764	3079	3450	3021	3975	3934	3766	4398	3614	3441	2581	1903
1974	2286	2194	2105	1982	2298	2111	2130	1749	1552	2227	2549	3067
1975	3269	3092	2994	3112	3153	3038	2992	2575	2733	3627A	2704	3010
1976	2549	2853	3549	2932	3402	3536	2999	3065	3323	3017	2966	2881
1977	2298	2551	2877	2244	2682	2814	2738	3008	2704	2637	3248	2131
1978	2310	2320	2572	2409	3000	2494	2540	2822	2754	2703	2787	2225
1979	2618	2480										

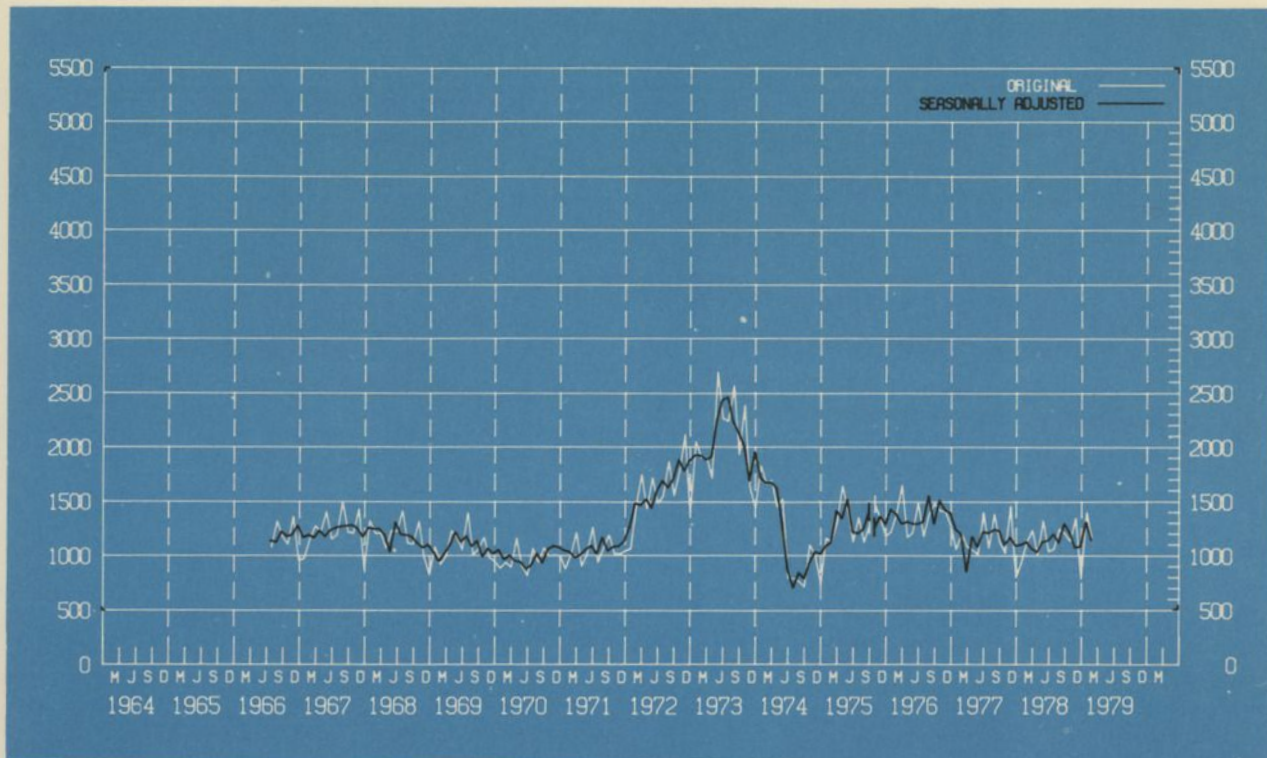
SEASONALLY ADJUSTED

1966							1886	1942	1968	2006	1983	1818
1967	1896	1916	1905	2071	1965	2041	1989	1994	2043	2123	2093	2255
1968	2057	2112	2140	1981	2264	2167	2137	2151	2077	2180	2331	2327
1969	2339	2239	2127	2010	2145	2110	2256	2213	2292	2142	2082	2034
1970	2230	2101	2105	1982	1995	2159	2339	2609	2384	2335	2245	2459
1971	2171	2109	2226	2303	2166	2118	2258	2314	2212	2249	2317	2415
1972	2387	2338	2359	2668	2506	2475	2537	2517	2562	2702	2861	2754
1973	2863	3308	3529	3342	3560	3987	3682	3932	3666	3121	2622	2159
1974	2405	2348	2133	2199	2001	2175	1895	1773	1531	2054	2626	3447
1975	3357	3298	3193	2984	3072	3029	2729	2614	2728	3274A	2829	3052
1976	2949	2971	3217	3216	3292	3231	3036	3113	3012	3058	3040	2899
1977	2649	2701	2645	2496	2558	2562	2769	2774	2682	2683	3027	2414
1978	2628	2459	2426	2597	2572	2487	2586	2647	2772	2725	2586	2505
1979	2684	2630										

(A) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.



HOUSING FINANCE FOR OWNER OCCUPATION - LOANS APPROVED TO INDIVIDUALS  
CONSTRUCTION OF DWELLINGS AND PURCHASE OF NEWLY ERECTED DWELLINGS  
TRADING BANKS (A)  
NUMBER OF DWELLING UNITS



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966							1083	1318	1176	1104	1360	961
1967	975	1149	1276	1218	1403	1154	1194	1494	1218	1207	1428	878
1968	1319	1208	1209	1071	1235	1225	1413	1116	1108	1314	983	825
1969	1083	922	996	1233	1166	1058	1394	1010	1064	1170	982	950
1970	888	940	896	1163	905	819	1069	941	1076	1001	1009	1000
1971	883	1011	1215	905	1017	1266	940	1075	1195	1023	1021	1048
1972	1068	1456	1751	1435	1721	1488	1553	1870	1559	1779	2118	1384
1973	2052	1905	1901	1715	2691	2262	2241	2564	1936	2385	1630	1441
1974	1828	1659	1696	1453	1523	795	791	762	712	1097	1002	742
1975	1159	1121	1306	1639	1429	1124	1348	1123	1280	1472B	1335	1178
1976	1217	1383	1645	1168	1213	1485	1175	1384	1474	1412	1403	1274
1977	1058	1201	1080	1047	1010	1394	1073	1379	1129	1023	1456	794
1978	935	1127	1230	1006	1319	1038	1059	1243	1199	1129	1342	788
1979	1392	1147										

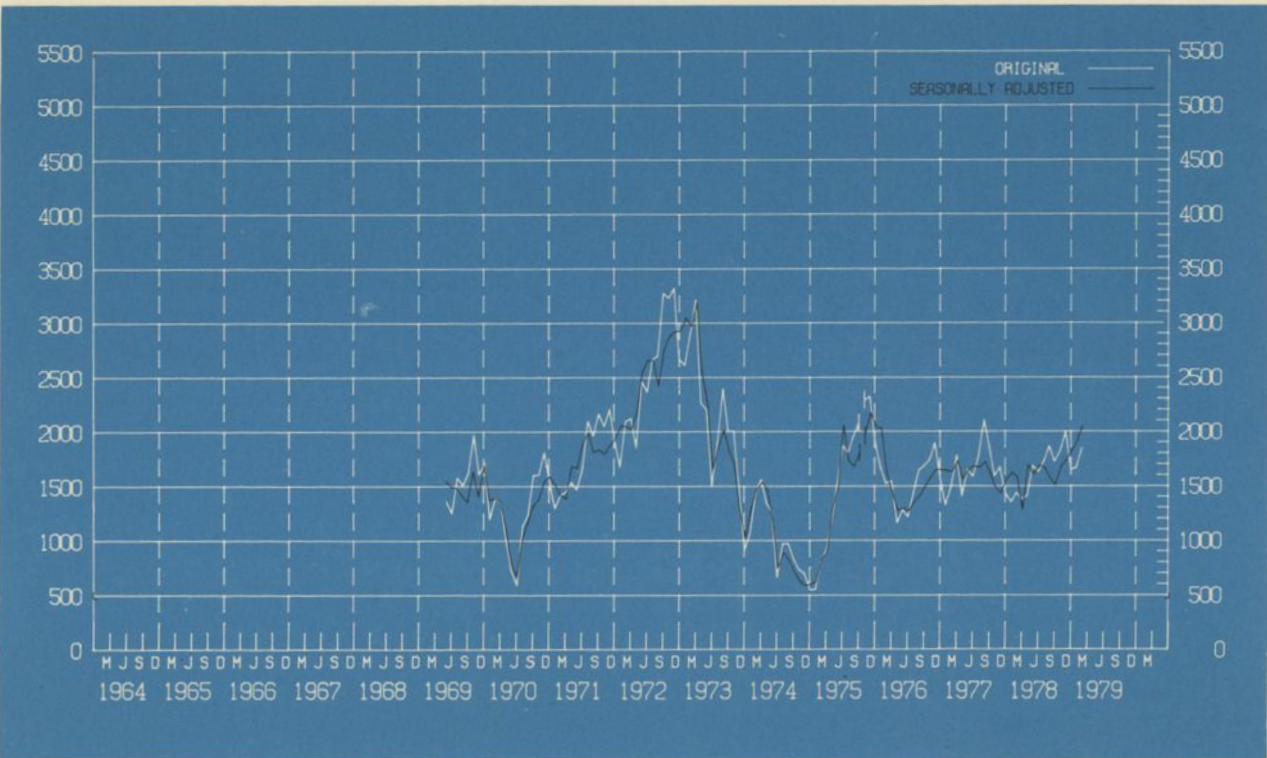
## SEASONALLY ADJUSTED

1966						1134	1121	1218	1174	1189	1275
1967	1166	1187	1160	1229	1169	1234	1255	1268	1273	1280	1245
1968	1258	1243	1244	1187	1029	1305	1191	1188	1169	1112	1071
1969	1029	944	1018	1096	1215	1125	1177	1082	1135	987	1064
1970	1053	961	999	944	941	872	909	1014	927	1055	1084
1971	1043	1030	974	1005	1056	1084	1010	1163	1040	1077	1082
1972	1257	1478	1460	1517	1433	1598	1686	1622	1706	1877	1774
1973	1922	1921	1879	1904	2250	2434	2457	2232	2128	2014	1686
1974	1711	1662	1669	1615	1281	854	698	836	782	928	1027
1975	1083	1116	1408	1333	1509	1210	1195	1243	1400	1247B	1356
1976	1420	1373	1286	1304	1284	1282	1307	1542	1283	1501	1412
1977	1235	1191	842	1168	1071	1211	1201	1232	1222	1091	1160
1978	1091	1117	1056	1023	1121	1130	1191	1109	1286	1206	1064
1979	1299	1136									

(A) SOURCE OF ORIGINAL DATA TO SEPTEMBER 1975 - RESERVE BANK OF AUSTRALIA.  
(B) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.



HOUSING FINANCE FOR OWNER OCCUPATION - LOANS APPROVED TO INDIVIDUALS  
CONSTRUCTION OF DWELLINGS AND PURCHASE OF NEWLY ERECTED DWELLINGS  
PERMANENT BUILDING SOCIETIES  
NUMBER OF DWELLING UNITS



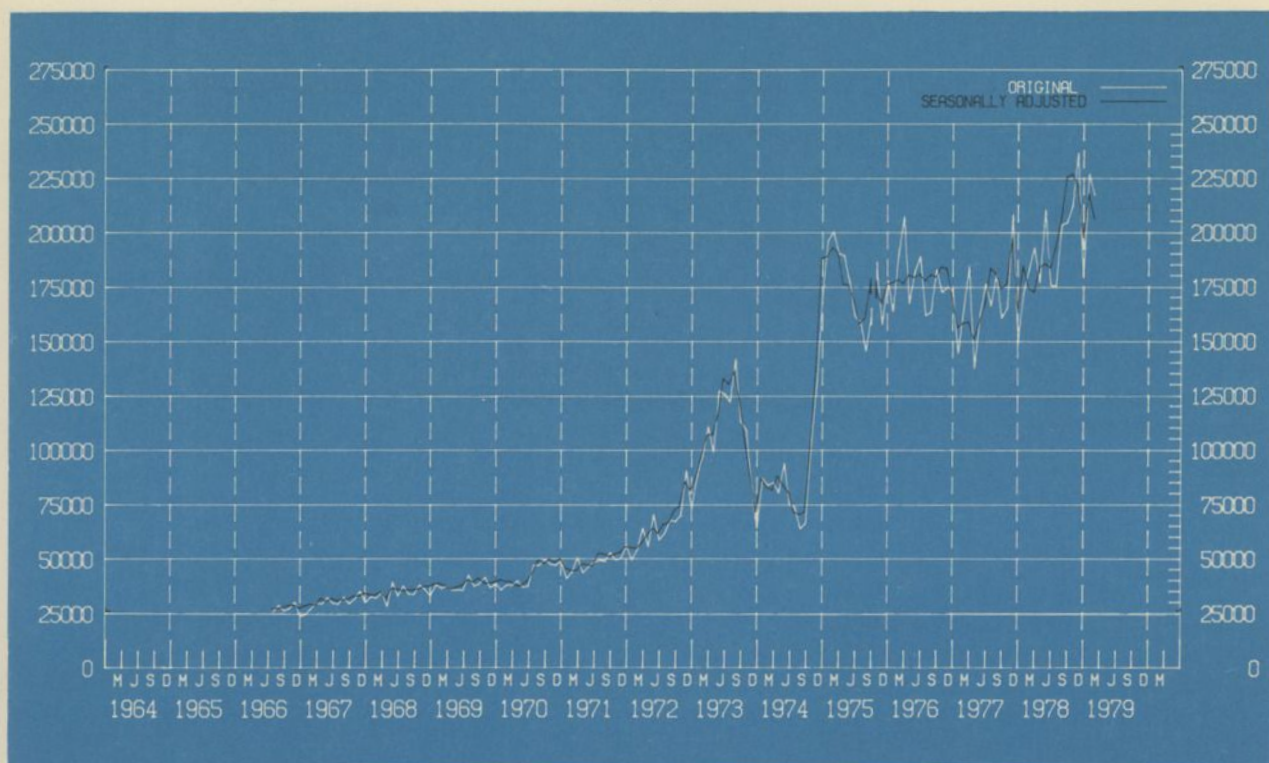
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1969					1359	1244	1575	1507	1621	1970	1604	1709
1970	1195	1390	1344	1005	718	588	1136	1233	1599	1603	1805	1540
1971	1294	1414	1446	1534	1465	1649	2094	1961	2163	2047	2206	1913
1972	1679	2096	2120	1856	2462	2366	2660	2701	3272	3230	3321	2667
1973	2609	2908	3212	2257	2205	1509	1900	2392	1999	2004	1479	912
1974	1067	1430	1562	1340	1264	663	973	973	825	733	698	548
1975	551	797	913	1198	1513	1870	1807	1957	2078	2291A	2322	1903
1976	1671	1523	1547	1162	1283	1215	1431	1644	1687	1744	1894	1567
1977	1326	1491	1780	1407	1651	1585	1764	2104	1857	1591	1673	1429
1978	1350	1435	1377	1410	1686	1628	1724	1866	1723	1817	1995	1651
1979	1665	1842										

SEASONALLY ADJUSTED												
1969					1572	1518	1504	1437	1378	1666	1430	1714
1970	1393	1414	1386	1143	826	693	1046	1196	1350	1409	1569	1617
1971	1538	1439	1412	1707	1690	1909	2023	1835	1860	1819	1900	1965
1972	2083	2072	2048	2201	2572	2683	2677	2441	2782	2901	2945	2949
1973	3071	2991	3211	2573	2296	1679	1882	2039	1844	1726	1300	1056
1974	1314	1493	1564	1488	1228	778	918	849	742	657	617	627
1975	652	849	930	1333	1510	2088	1756	1702	1835	1990A	2200	2066
1976	2053	1652	1471	1299	1324	1296	1377	1433	1519	1606	1674	1674
1977	1667	1653	1757	1587	1673	1707	1696	1748	1647	1511	1459	1584
1978	1648	1608	1307	1720	1628	1713	1696	1599	1532	1697	1766	1844
1979	1927	2076										

(A) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.



HOUSING FINANCE FOR OWNER OCCUPATION - LOANS APPROVED TO INDIVIDUALS  
TOTAL VALUE OF LOANS APPROVED (A)  
SAVINGS BANKS  
\$ '000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966							25898	28744	26281	27319	30419	23613
1967	24640	27312	29760	29337	32373	29779	29345	32647	29476	31643	35365	30029
1968	32722	32067	34799	28272	39515	33001	37694	33822	33927	38152	35950	33101
1969	38236	36640	37616	35589	35857	35771	42608	37323	38703	41686	36778	38759
1970	35685	38025	37720	39774	36925	37421	46985	46809	49547	47220	46746	48935
1971	40681	43581	50213	43313	46081	48117	49067	48670	52734	49078	50109	55499
1972	49261	54052	63934	55547	70118	58557	61440	67656	66996	69848	90388	72900
1973	88246	97289	110603	98889	127082	125446	121976	141647	112712	109246	84301	63814
1974	86820	83668	84854	80139	93689	74843	73239	63748	66248	104097	130809	171066
1975	196180	200081	190183	189139	177254	161378	158833	145341	161422	182444B	157852	177749
1976	163810	189609	207000	167300	181724	188812	161742	163276	182903	172360	174836	172864
1977	144555	164713	184099	137637	161769	176279	166213	180720	160546	165065	207770	149162
1978	172035	182918	192797	176982	209942	175612	175114	203069	204393	212141	236214	179181
1979	226505	217046										

## SEASONALLY ADJUSTED

1966							26228	26390	26800	27562	27927	26202
1967	27334	28298	27677	30750	29516	30894	29774	30511	30610	32008	32242	33214
1968	32619	32513	34035	30908	35591	35139	34451	34821	34741	35361	36646	36560
1969	37787	37607	36604	35264	36282	36991	39678	38541	40221	38046	38110	38505
1970	39526	38570	38675	36763	37149	39026	43022	48566	46959	48908	47474	49104
1971	44750	43793	43540	46573	46066	45602	51321	51111	49832	50995	51793	54299
1972	53973	53416	56016	59478	62741	60396	64479	65313	71059	72901	84215	79953
1973	86301	95570	105321	105806	114436	131386	128890	134771	121381	103025	86556	70033
1974	85621	81460	80140	86696	82193	79359	70157	68860	70339	100081	136084	186632
1975	187430	191315	189290	174548	174291	167046	156394	159289	175392	172035B	165803	174510
1976	175102	176571	174706	178690	177626	179177	176042	178965	177688	182490	181667	168266
1977	154464	156703	157165	149009	157605	165498	181736	179348	172382	174624	195664	163231
1978	182799	172656	170802	182421	183857	182007	191696	204630	223496	224942	219429	195619
1979	216019	204620										

(A) INCLUDES LOANS APPROVED FOR THE CONSTRUCTION OF DWELLINGS, PURCHASE OF NEWLY ERECTED DWELLINGS AND PURCHASE OF ESTABLISHED DWELLINGS.

(B) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.



HOUSING FINANCE FOR OWNER OCCUPATION - LOANS APPROVED TO INDIVIDUALS  
TOTAL VALUE OF LOANS APPROVED (A)  
TRADING BANKS (B)  
\$ '000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1966							14454	17449	14742	15112	20261	13251
1967	14642	18095	19441	17160	21021	16560	16982	20921	16573	17669	22134	12245
1968	20156	19004	18000	16058	19727	17689	20108	16523	16432	20588	17012	13339
1969	19851	16584	16646	21105	19309	17109	21597	16449	16582	19443	16940	18082
1970	16950	18260	17251	19964	15073	13549	16562	16213	18341	16971	17578	17058
1971	17438	18210	21114	16948	18079	20941	16578	19594	22449	20055	20225	21349
1972	24813	35386	42885	35156	43313	35535	37104	46861	39799	47428	63811	40515
1973	67132	61502	68830	57977	94477	76943	74121	89958	64576	78776	60255	45997
1974	68551	61747	64740	47315	45366	20701	21750	20532	18294	28396	27364	26319
1975	41375	45477	49020	61957	53653	44328	49946	39945	45885	60704C	51234	52062
1976	56425	66185	75082	53155	55263	63293	50368	57997	67384	60337	59094	53705
1977	48677	51619	52839	44855	44930	52805	44233	57037	45458	48745	69799	42242
1978	53368	65054	69704	57155	68356	53882	57474	70545	62733	63145	78356	49242
1979	83535	76939										

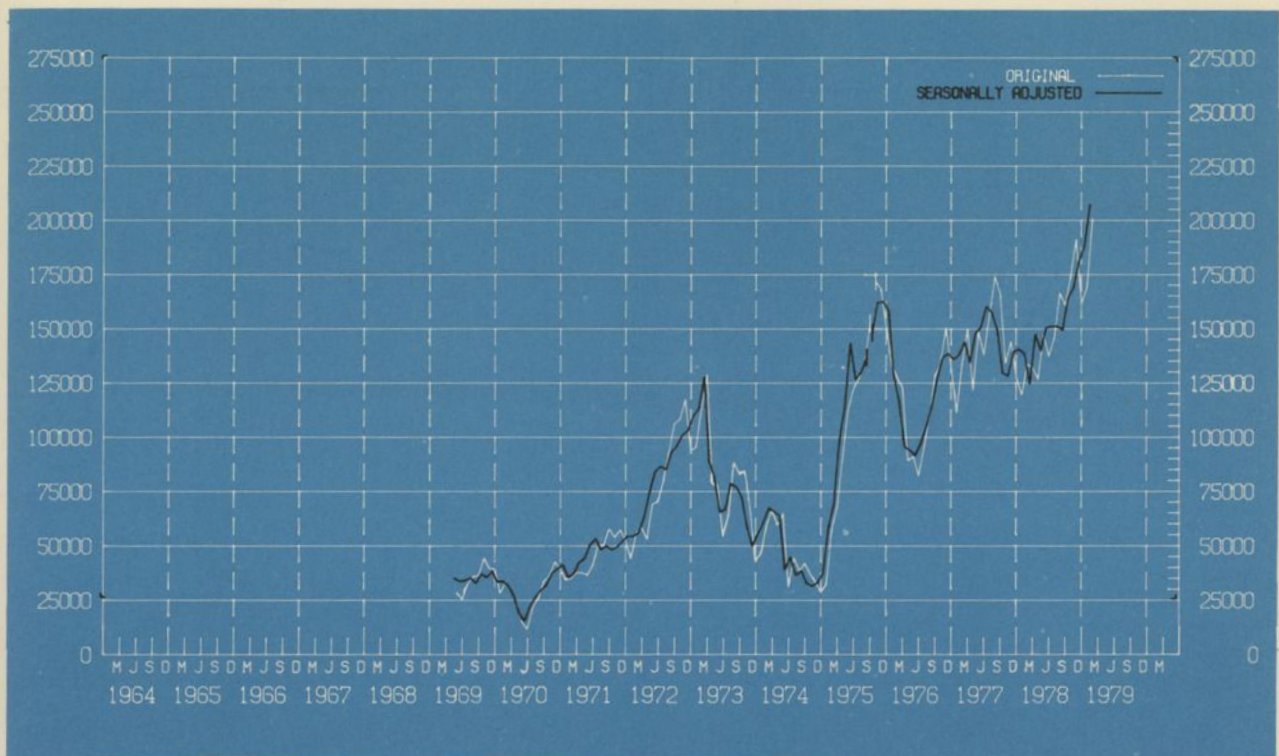
## SEASONALLY ADJUSTED

1966							15779	15497	16303	16576	16945	17624
1967	16083	17529	16817	17578	17566	18317	18619	18566	18444	19388	18571	16332
1968	17721	18460	18141	17526	16444	19574	17762	18263	18457	17999	17978	17851
1969	17294	16010	16523	18259	20090	18978	19280	18277	18899	17023	18018	19517
1970	18253	17542	17890	15960	15626	15082	14938	18067	16929	18606	18835	18653
1971	18827	17386	16113	17845	18710	18675	19057	22025	21159	22044	21747	23539
1972	26699	33419	32894	35337	35665	39853	43652	42770	47385	52470	55230	56019
1973	57812	56786	62908	59694	77673	86848	88923	83416	77556	69917	65115	63158
1974	58824	56238	59230	48582	37259	23416	20892	23675	21759	25125	29385	35767
1975	35405	41072	48406	47696	55311	50799	48641	47054	54842	53777C	54793	55948
1976	59757	59548	56048	54833	57147	58470	61149	68368	64428	66440	62984	57308
1977	51422	46333	39666	46474	46756	49023	53319	53675	53940	53564	59261	56106
1978	56046	58000	56129	55580	57103	62801	69125	66931	74522	69284	66389	65274
1979	70341	68409										

- (A) INCLUDES LOANS APPROVED FOR THE CONSTRUCTION OF DWELLINGS, PURCHASE OF NEWLY ERECTED DWELLINGS AND PURCHASE OF ESTABLISHED DWELLINGS.  
(B) SOURCE OF ORIGINAL DATA TO SEPTEMBER 1975 - RESERVE BANK OF AUSTRALIA.  
(C) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.



HOUSING FINANCE FOR OWNER OCCUPATION - LOANS APPROVED TO INDIVIDUALS  
TOTAL VALUE OF LOANS APPROVED (A)  
PERMANENT BUILDING SOCIETIES  
\$ '000



YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ORIGINAL												
1969					28290	25436	32291	35775	36389	44283	39366	39407
1970	28151	33258	29811	23223	14898	11507	21609	26279	33718	36013	42614	39389
1971	34120	34894	37646	37559	36361	41082	50322	50209	57588	53689	57066	52511
1972	43863	55697	58281	52950	69131	70267	79566	92882	106105	108288	117325	93852
1973	95301	113567	128853	78437	77742	54157	63370	88092	82565	84454	66761	42708
1974	46681	59671	66667	59195	64688	31014	44487	38274	41938	36784	33417	28342
1975	32168	57545	67621	91051	113254	122484	127311	134771	152345	171742B	168293	150015
1976	133204	127086	122625	88947	90816	82150	95511	110490	128448	133563	150206	131692
1977	111283	133980	149628	121599	148566	137943	155832	173871	166089	134004	143840	126969
1978	119370	133648	131572	126597	147143	137309	145920	166402	160708	173818	191128	161781
1979	168815	200332										

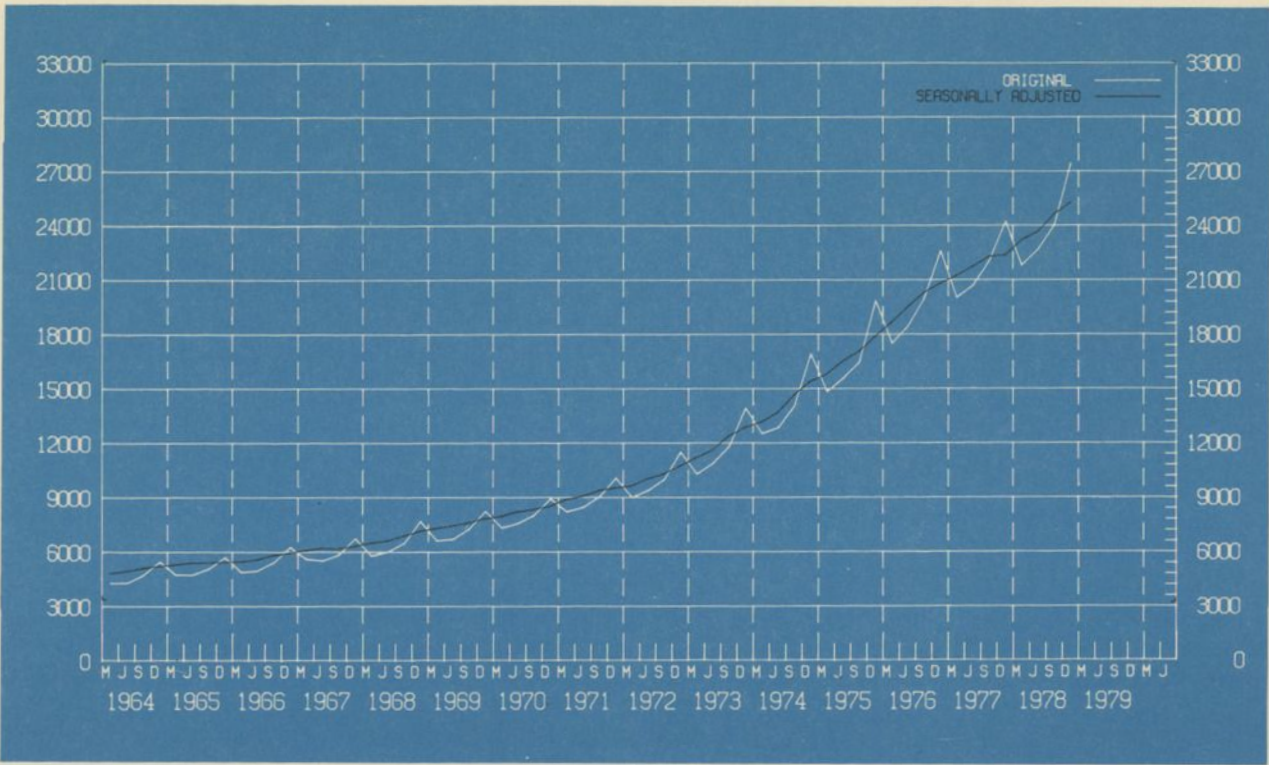
## SEASONALLY ADJUSTED

1969					33978	32615	33021	34265	31783	36146	34466	37243
1970	32407	32835	30480	26003	17952	14285	21291	25506	28727	30873	36483	38490
1971	40450	34530	36413	41755	43427	49731	52453	47295	48994	47309	48644	51383
1972	53571	53501	55257	62583	74037	83514	85736	84222	92352	95326	100521	102234
1973	108987	112501	126941	88121	80569	64562	65877	77902	76190	71754	58312	48897
1974	54227	59742	66638	64603	62848	38035	43969	35408	37702	31888	30476	32085
1975	36325	57633	68110	96569	113040	142656	125695	129288	136169	147557B	161403	161880
1976	157655	127236	115687	94722	92949	90666	96174	103928	113343	125841	136039	137855
1977	135066	137305	143260	133905	147305	150092	159615	156612	148618	128976	127523	138888
1978	139856	137743	123842	146788	139212	149843	150605	150620	148738	163507	168543	180502
1979	188034	206545										

(A) INCLUDES LOANS APPROVED FOR THE CONSTRUCTION OF DWELLINGS, PURCHASE OF NEWLY  
ERECTED DWELLINGS AND PURCHASE OF ESTABLISHED DWELLINGS.  
(B) BREAK IN CONTINUITY OF SERIES - SEE EXPLANATORY NOTES.



GROSS DOMESTIC PRODUCT  
AT CURRENT PRICES  
\$ MILLION

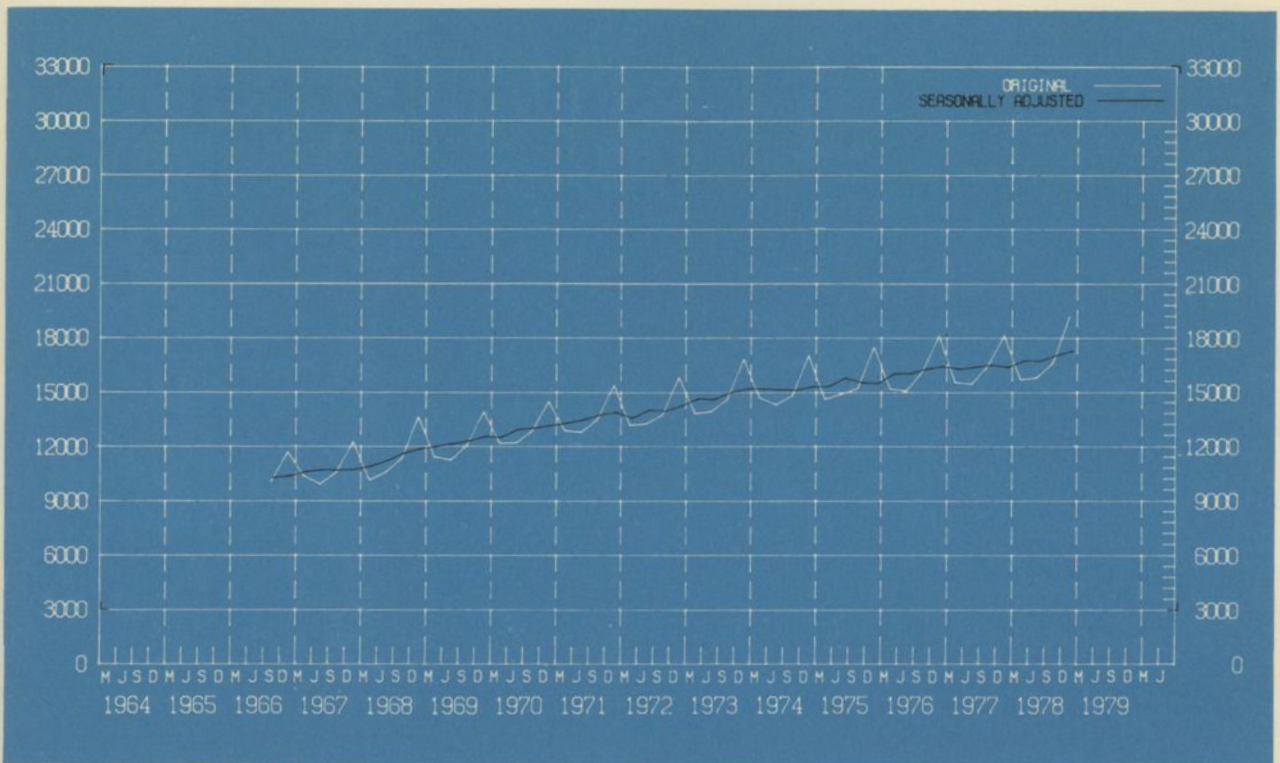


YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	4243	4267	4702	5425
1965	4714	4716	5044	5671
1966	4856	4930	5403	6227
1967	5575	5482	5811	6698
1968	5743	5965	6448	7653
1969	6583	6653	7242	8205
1970	7292	7547	8006	8888
1971	8181	8434	9014	10052
1972	8963	9360	9953	11468
1973	10257	10861	11804	13899
1974	12501	12830	14011	16885
1975	14804	15554	16435	19816
1976	17490	18422	19966	22567
1977	20012	20671	22042	24199
1978	21781	22659	24007	27384
SEASONALLY ADJUSTED				
1964	4436	4581	4736	4839
1965	4933	5044	5061	5083
1966	5117	5232	5481	5597
1967	5755	5865	5842	5973
1968	6147	6277	6535	6803
1969	6956	7090	7281	7502
1970	7625	7885	8029	8183
1971	8558	8739	9055	9219
1972	9335	9734	9993	10433
1973	10900	11325	12112	12593
1974	12881	13398	14374	15150
1975	15534	16274	16809	17646
1976	18434	19268	20088	20588
1977	21024	21546	22097	22177
1978	23009	23494	24450	25101



GROSS DOMESTIC PRODUCT  
AT AVERAGE 1974-75 PRICES

\$ MILLION



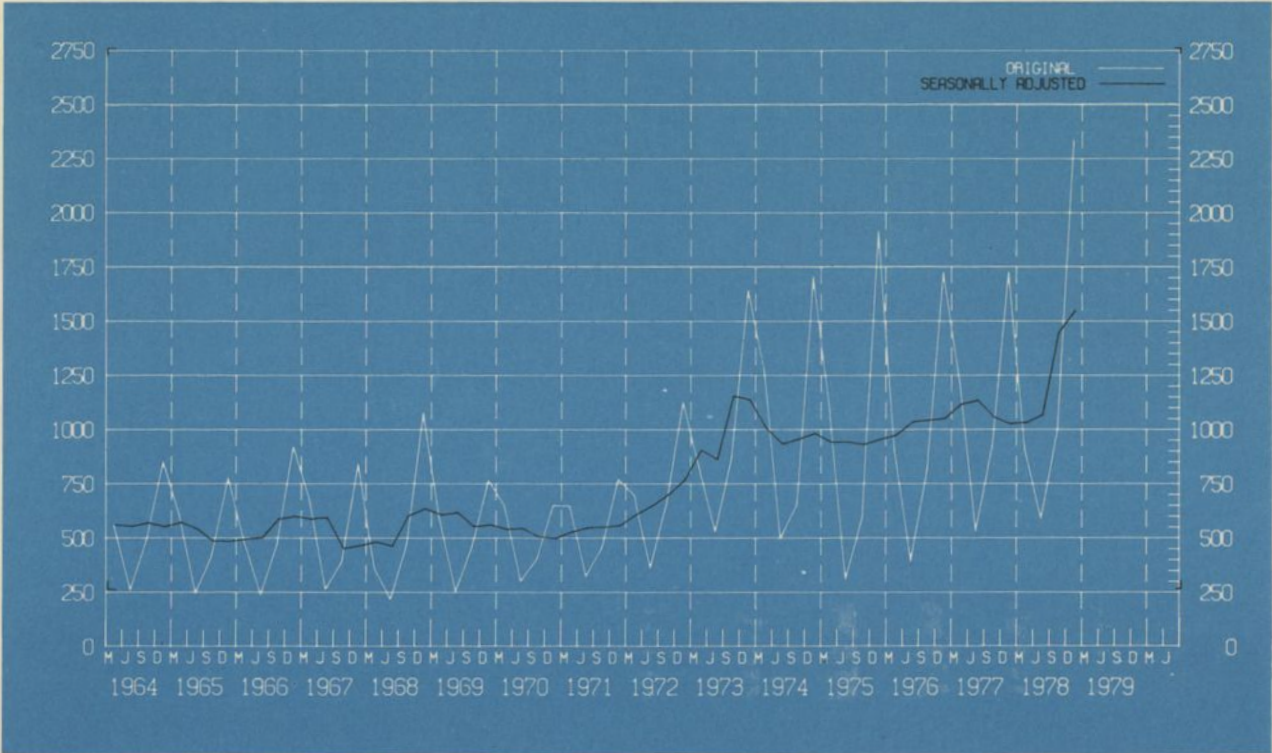
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966			10018	11638
1967	10339	9891	10549	12217
1968	10117	10538	11311	13591
1969	11380	11212	12042	13880
1970	12156	12147	12833	14442
1971	12845	12755	13490	15338
1972	13151	13232	13741	15797
1973	13796	13913	14577	16804
1974	14650	14274	14784	17011
1975	14593	14865	15194	17473
1976	15172	15055	16141	18088
1977	15526	15432	16453	18113
1978	15693	15794	16621	19160

## SEASONALLY ADJUSTED

1966			10263	10346
1967	10589	10699	10658	10697
1968	10889	11186	11602	11844
1969	11992	12120	12288	12532
1970	12485	12922	12991	13135
1971	13275	13446	13708	13858
1972	13531	13978	13917	14226
1973	14617	14559	14952	15169
1974	15129	15090	15063	15261
1975	15254	15718	15474	15415
1976	15956	15980	16224	16370
1977	16222	16342	16441	16327
1978	16673	16651	16967	17219



GROSS FARM PRODUCT  
AT CURRENT PRICES  
\$ MILLION



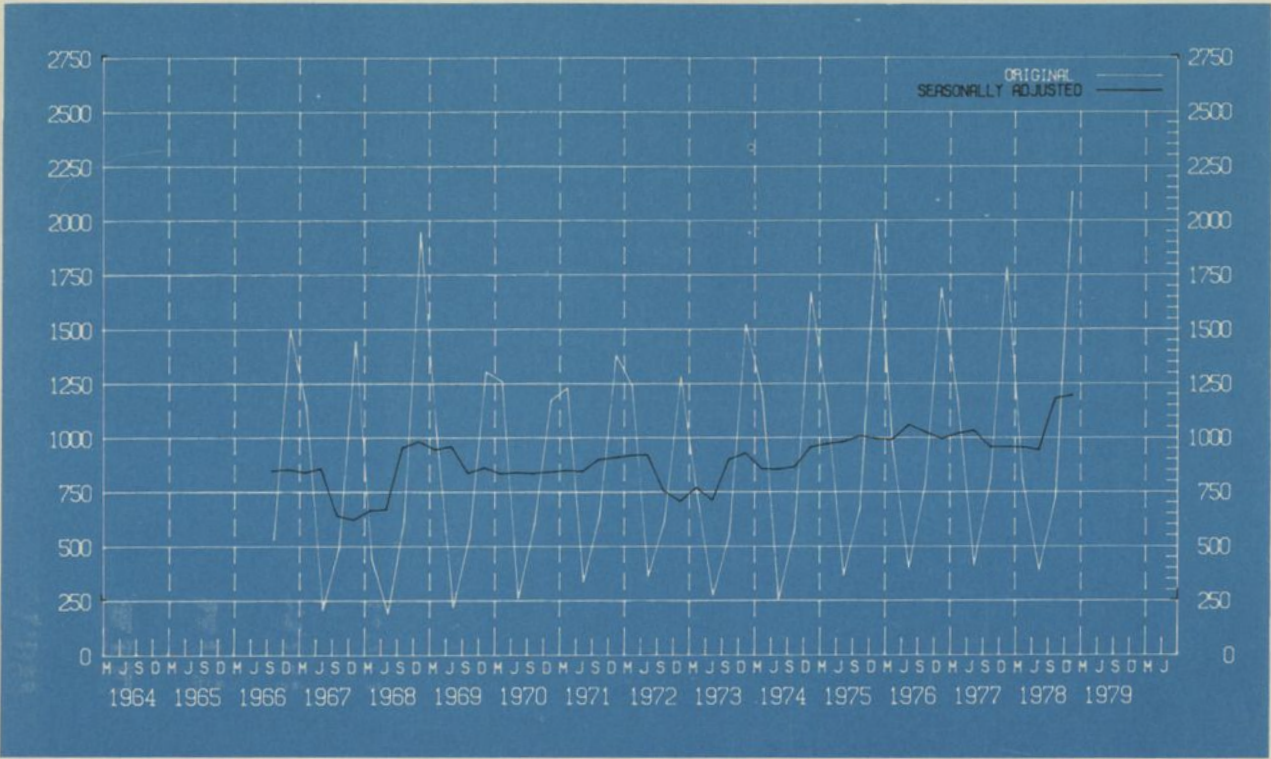
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	554	258	493	845
1965	604	244	418	773
1966	477	238	468	918
1967	677	261	390	837
1968	357	216	473	1073
1969	592	252	458	763
1970	645	299	404	647
1971	646	323	455	767
1972	695	360	664	1123
1973	825	527	866	1640
1974	1272	496	653	1703
1975	1099	310	588	1912
1976	903	393	810	1722
1977	1217	530	923	1724
1978	905	588	995	2332

SEASONALLY ADJUSTED

1964	546	539	555	536
1965	558	526	471	470
1966	479	488	573	585
1967	572	580	436	450
1968	468	448	588	620
1969	591	602	537	545
1970	525	528	490	483
1971	513	533	535	542
1972	593	634	686	752
1973	889	847	1140	1121
1974	991	919	941	967
1975	926	927	915	940
1976	959	1021	1028	1038
1977	1102	1120	1042	1011
1978	1018	1053	1432	1534



GROSS FARM PRODUCT  
AT AVERAGE 1974-75 PRICES  
\$ MILLION

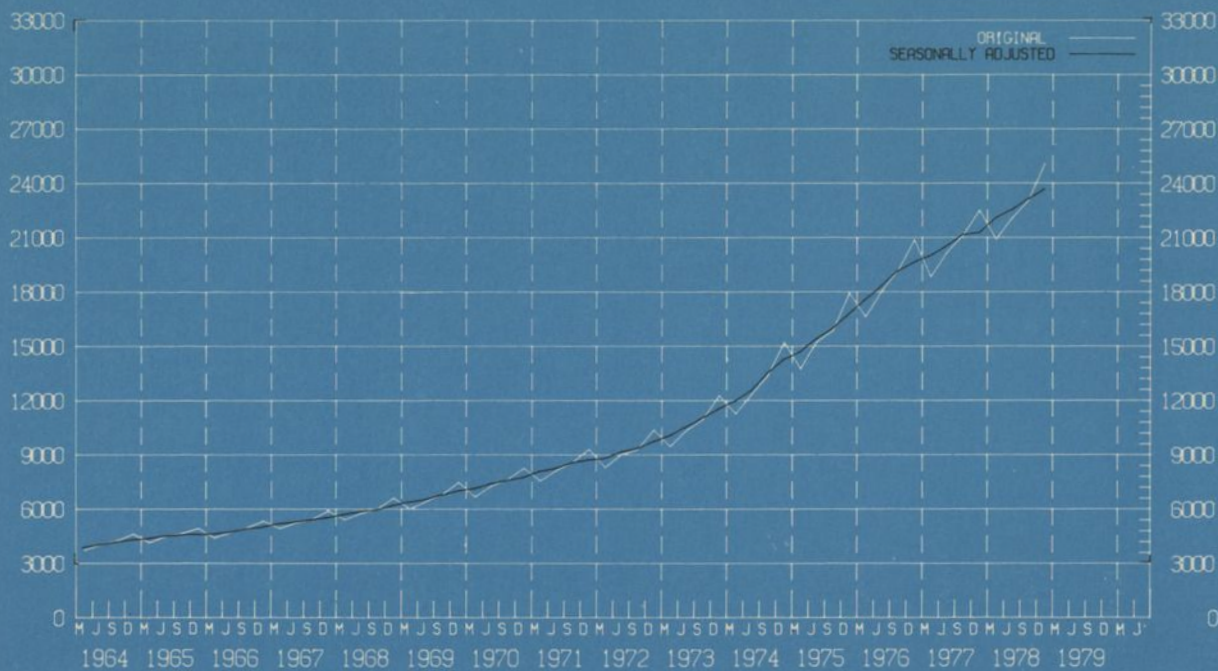


YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966			533	1499
1967	1145	209	497	1445
1968	442	191	620	1946
1969	1002	220	546	1304
1970	1259	260	605	1175
1971	1230	337	642	1381
1972	1240	362	615	1282
1973	755	274	551	1523
1974	1208	250	578	1669
1975	1153	366	672	1985
1976	964	398	776	1687
1977	1179	412	809	1782
1978	804	387	722	2130
SEASONALLY ADJUSTED				
1966			841	846
1967	832	851	632	615
1968	659	663	946	975
1969	939	953	830	855
1970	828	833	829	836
1971	843	838	893	902
1972	913	915	749	701
1973	764	705	894	924
1974	850	847	859	950
1975	965	974	1000	988
1976	984	1051	1019	988
1977	1013	1026	950	950
1978	947	934	1173	1186



GROSS NON-FARM PRODUCT  
AT CURRENT PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	3689	4009	4209	4580
1965	4110	4472	4626	4898
1966	4379	4692	4935	5309
1967	4898	5221	5421	5861
1968	5386	5749	5975	6580
1969	5991	6401	6784	7442
1970	6647	7248	7602	8241
1971	7535	8111	8559	9285
1972	8268	9000	9289	10345
1973	9432	10334	10938	12259
1974	11229	12334	13358	15182
1975	13705	15244	15847	17904
1976	16587	18029	19156	20845
1977	18795	20141	21119	22475
1978	20876	22071	23012	25052

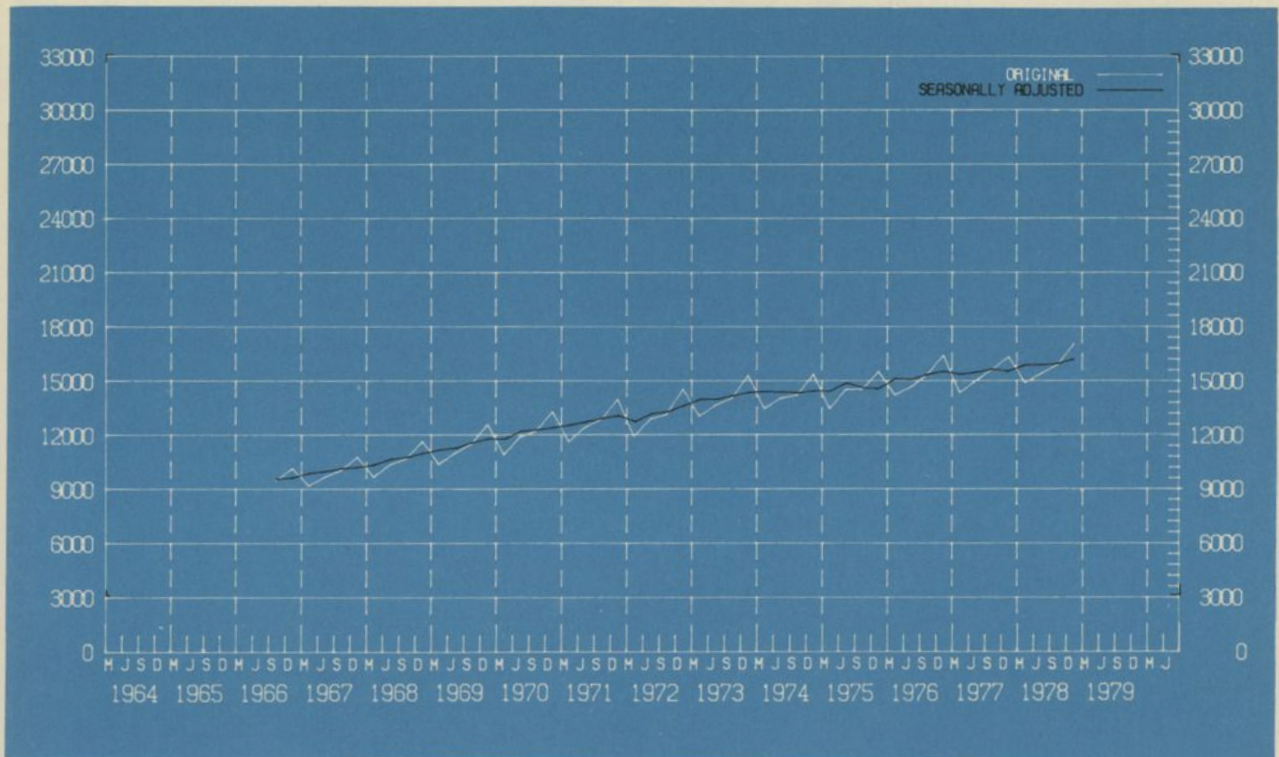
## SEASONALLY ADJUSTED

1964	3890	4042	4181	4303
1965	4375	4518	4590	4613
1966	4638	4744	4908	5012
1967	5183	5285	5406	5523
1968	5679	5829	5947	6183
1969	6365	6488	6744	6957
1970	7100	7357	7539	7700
1971	8045	8206	8520	8677
1972	8742	9100	9307	9681
1973	10011	10478	10972	11472
1974	11890	12479	13433	14183
1975	14608	15347	15894	16706
1976	17475	18247	19060	19550
1977	19922	20426	21055	21166
1978	21991	22441	23018	23567



GROSS NON-FARM PRODUCT  
AT AVERAGE 1974-75 PRICES

\$ MILLION



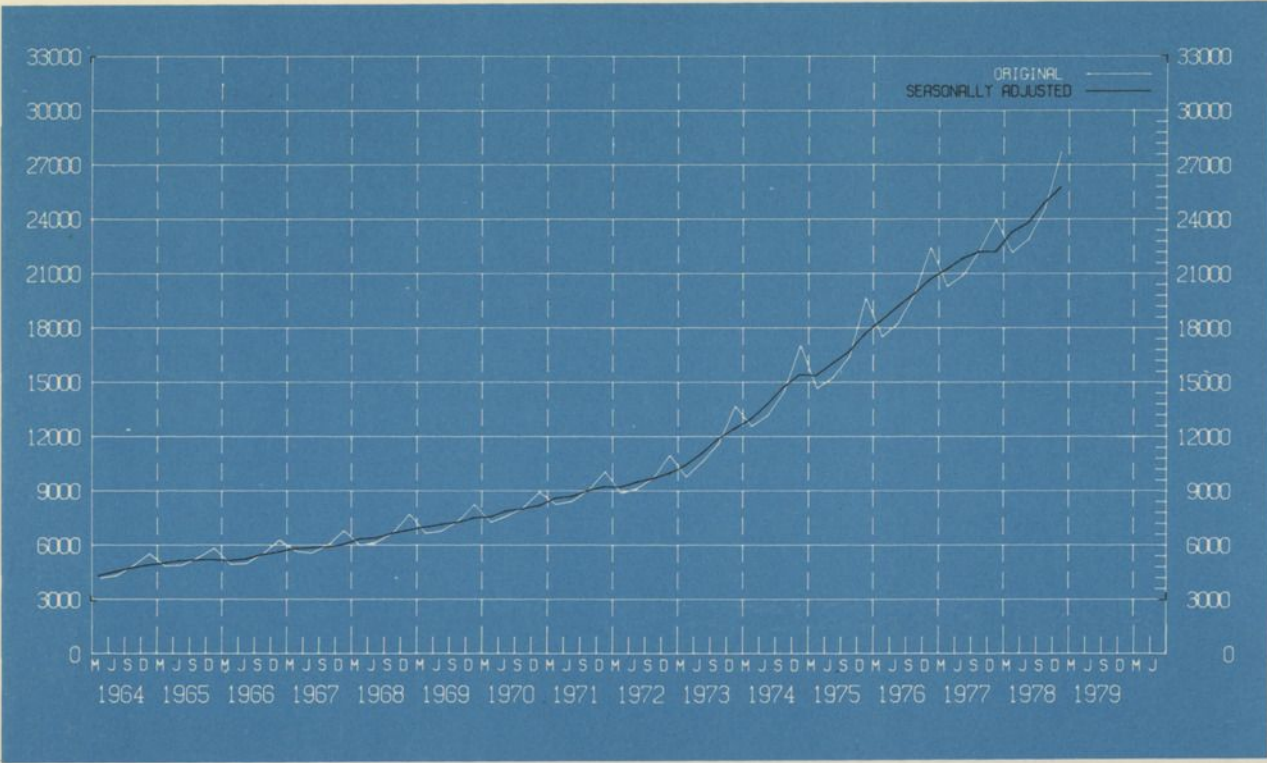
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1966			9485	10139
1967	9194	9682	10052	10772
1968	9675	10347	10691	11645
1969	10378	10992	11496	12576
1970	10897	11887	12228	13267
1971	11615	12418	12848	13957
1972	11911	12870	13126	14515
1973	13041	13639	14026	15281
1974	13442	14024	14206	15342
1975	13440	14499	14522	15488
1976	14208	14657	15365	16401
1977	14347	15020	15644	16331
1978	14889	15407	15899	17030

## SEASONALLY ADJUSTED

1966			9422	9500
1967	9757	9848	10026	10082
1968	10230	10523	10656	10869
1969	11053	11167	11458	11677
1970	11657	12089	12162	12299
1971	12432	12608	12815	12956
1972	12618	13063	13168	13525
1973	13853	13854	14058	14245
1974	14279	14243	14204	14311
1975	14289	14744	14474	14427
1976	14972	14929	15205	15382
1977	15209	15316	15491	15377
1978	15726	15717	15794	16033



GROSS NATIONAL EXPENDITURE  
AT CURRENT PRICES  
\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	4136	4295	4823	5487
1965	4811	4874	5286	5811
1966	4904	4982	5495	6261
1967	5640	5528	5969	6766
1968	5950	6128	6652	7682
1969	6630	6745	7288	8208
1970	7229	7585	8057	8883
1971	8215	8401	9031	10036
1972	8828	9114	9683	10940
1973	9741	10586	11615	13646
1974	12546	13135	14453	17003
1975	14625	15252	16376	19629
1976	17469	18247	19831	22405
1977	20278	20888	22251	23926
1978	22130	22891	24566	27695

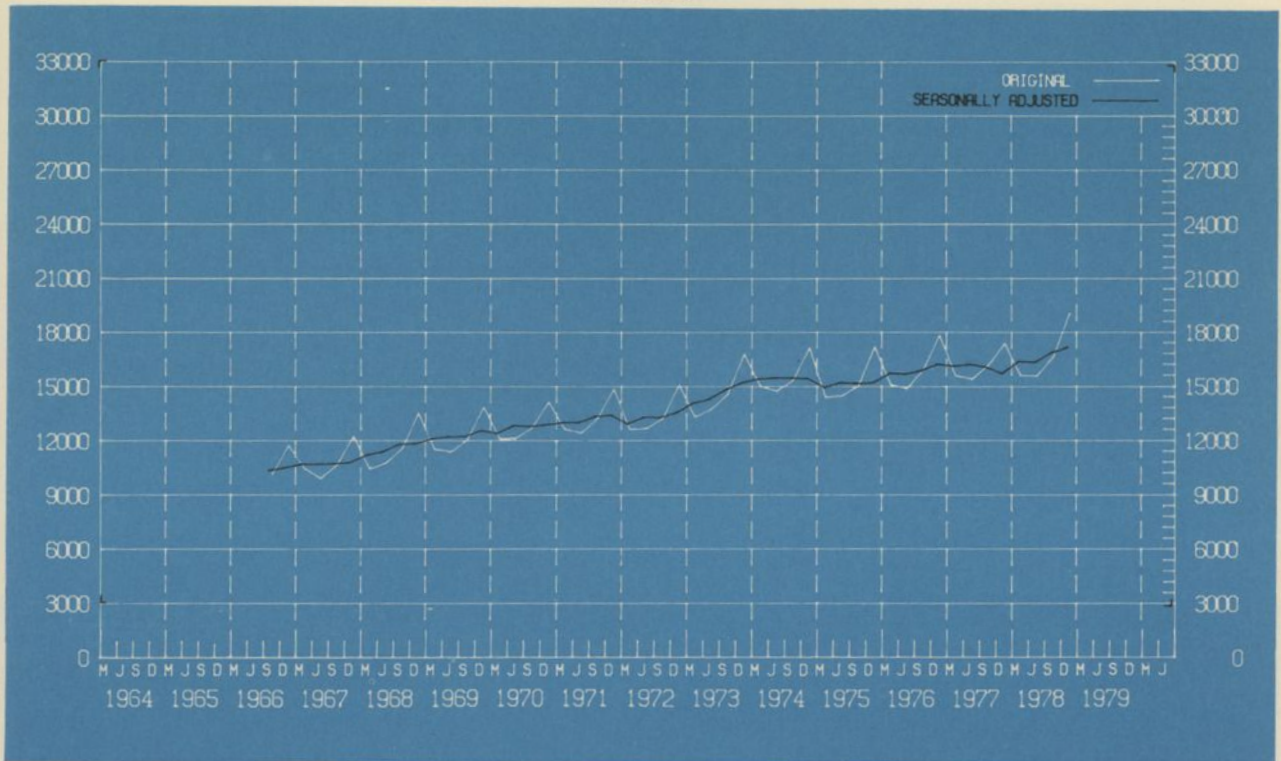
SEASONALLY ADJUSTED

1964	4358	4595	4799	4943
1965	5062	5190	5241	5262
1966	5193	5274	5520	5665
1967	5847	5902	5950	6075
1968	6380	6433	6691	6864
1969	7028	7171	7284	7537
1970	7584	7912	8038	8211
1971	8611	8700	9023	9239
1972	9217	9477	9671	9961
1973	10392	11053	11837	12418
1974	12930	13732	14678	15390
1975	15326	15987	16625	17619
1976	18363	19107	19812	20630
1977	21187	21786	22160	22146
1978	23235	23747	24854	25699



GROSS NATIONAL EXPENDITURE  
AT AVERAGE 1974-75 PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1966			10124	11700
1967	10420	9884	10647	12209
1968	10413	10762	11551	13505
1969	11488	11351	12050	13828
1970	12083	12109	12712	14121
1971	12599	12383	13222	14834
1972	12601	12652	13194	15065
1973	13296	13727	14556	16789
1974	14988	14720	15330	17140
1975	14388	14473	15008	17194
1976	15088	14866	15893	17838
1977	15592	15401	16189	17376
1978	15602	15592	16651	19028

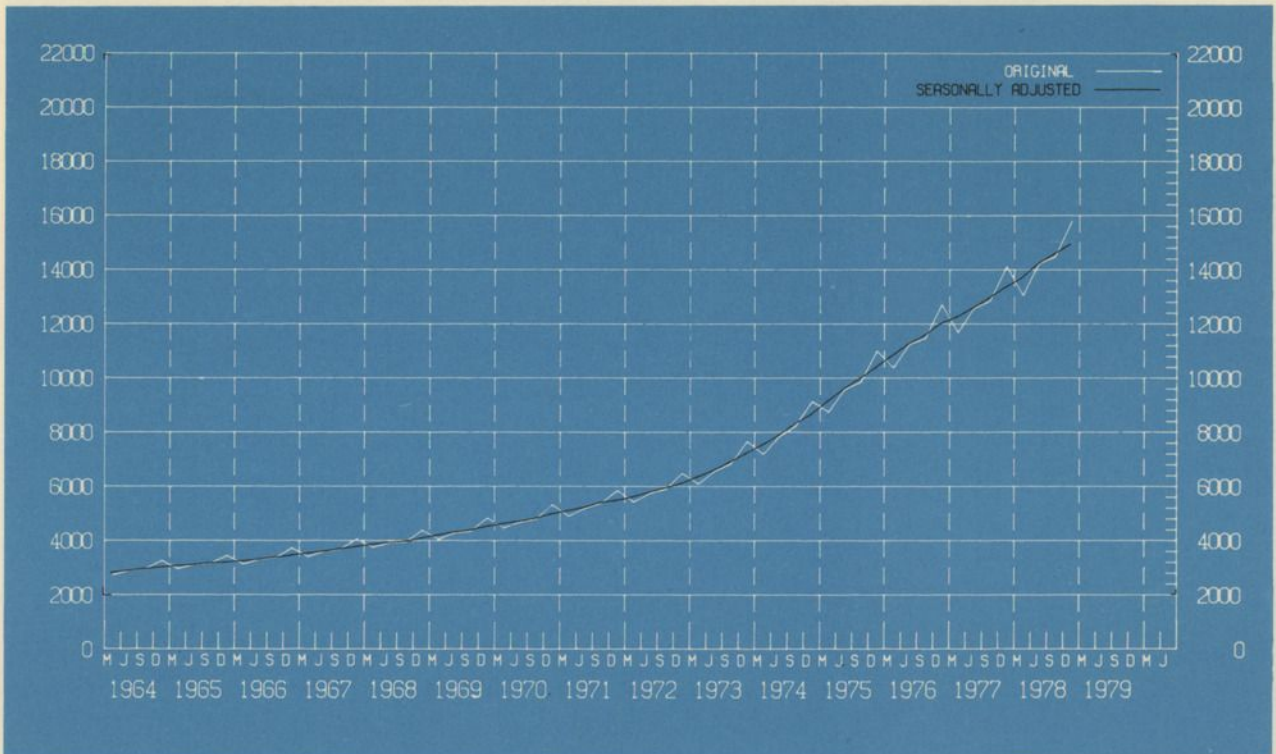
## SEASONALLY ADJUSTED

1966			10321	10472
1967	10671	10667	10706	10763
1968	11194	11387	11789	11840
1969	12106	12228	12233	12565
1970	12420	12850	12807	12914
1971	13028	13037	13381	13456
1972	12974	13349	13323	13598
1973	14108	14339	14868	15255
1974	15461	15525	15527	15506
1975	15007	15292	15245	15270
1976	15808	15756	15936	16283
1977	16190	16286	16144	15774
1978	16465	16419	16962	17272



FINAL CONSUMPTION EXPENDITURE - PRIVATE  
AT CURRENT PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	2710	2884	2936	3235
1965	2938	3102	3151	3432
1966	3113	3292	3360	3695
1967	3394	3577	3666	4031
1968	3729	3895	3931	4346
1969	4043	4260	4327	4805
1970	4438	4664	4769	5300
1971	4882	5167	5366	5828
1972	5404	5731	5892	6469
1973	6068	6547	6824	7640
1974	7167	7834	8222	9120
1975	8715	9560	9843	10980
1976	10358	11227	11472	12687
1977	11659	12570	12851	14101
1978	13044	14228	14476	15761

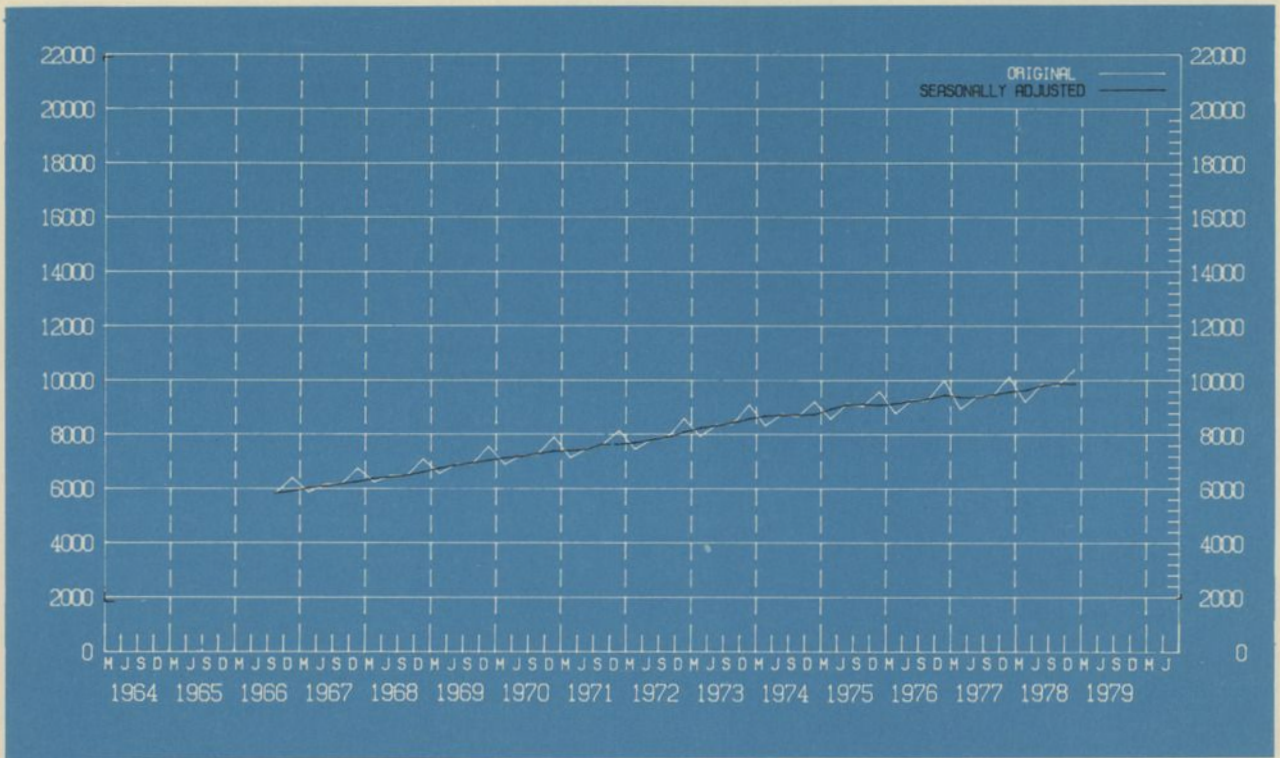
## SEASONALLY ADJUSTED

1964	2822	2908	2974	3031
1965	3083	3128	3187	3217
1966	3263	3321	3400	3468
1967	3549	3614	3709	3789
1968	3869	3935	3979	4094
1969	4210	4305	4389	4521
1970	4629	4712	4821	4986
1971	5098	5218	5414	5494
1972	5612	5780	5942	6110
1973	6342	6585	6888	7213
1974	7523	7867	8295	8640
1975	9130	9576	9955	10376
1976	10817	11241	11572	12000
1977	12248	12577	12961	13351
1978	13691	14226	14592	14953



FINAL CONSUMPTION EXPENDITURE - PRIVATE  
AT AVERAGE 1974-75 PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966			5863	6410
1967	5893	6164	6192	6759
1968	6263	6493	6492	7103
1969	6574	6913	6917	7555
1970	6913	7226	7273	7911
1971	7148	7471	7626	8144
1972	7462	7822	7885	8585
1973	7939	8362	8397	9088
1974	8325	8749	8684	9214
1975	8579	9140	9047	9594
1976	8782	9280	9264	9993
1977	8939	9400	9418	10111
1978	9201	9850	9813	10389

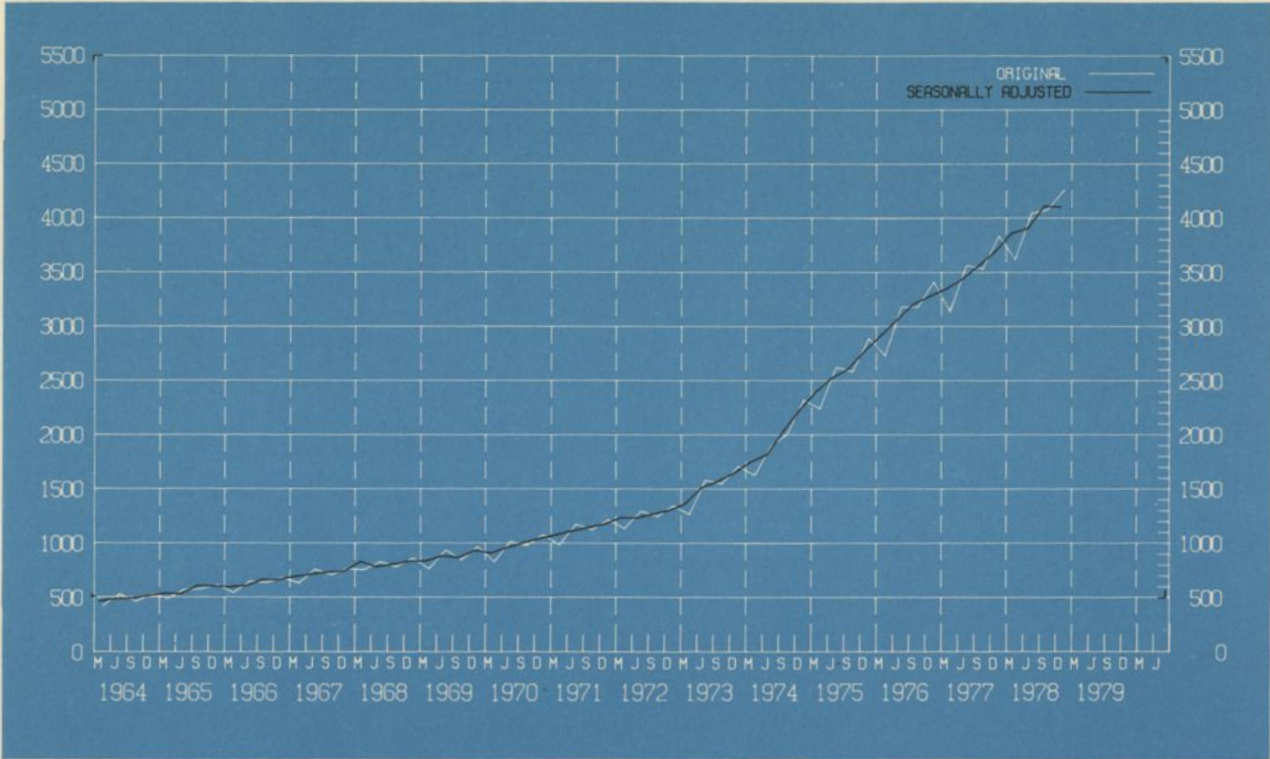
SEASONALLY ADJUSTED

1966			5964	6034
1967	6137	6205	6291	6373
1968	6481	6535	6589	6709
1969	6839	6959	7026	7130
1970	7209	7271	7360	7458
1971	7468	7513	7697	7696
1972	7750	7855	7963	8138
1973	8291	8373	8478	8624
1974	8724	8749	8757	8773
1975	8969	9125	9148	9105
1976	9166	9265	9338	9483
1977	9386	9386	9489	9599
1978	9654	9833	9885	9882



FINAL CONSUMPTION EXPENDITURE - GOVERNMENT  
AT CURRENT PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	418	528	460	525
1965	488	571	576	615
1966	539	647	635	679
1967	630	755	707	765
1968	752	825	780	861
1969	759	932	844	964
1970	825	1010	978	1076
1971	980	1169	1119	1213
1972	1132	1292	1243	1343
1973	1261	1577	1545	1707
1974	1623	1891	2003	2314
1975	2235	2621	2577	2885
1976	2726	3178	3174	3407
1977	3132	3559	3531	3833
1978	3615	4039	4078	4255

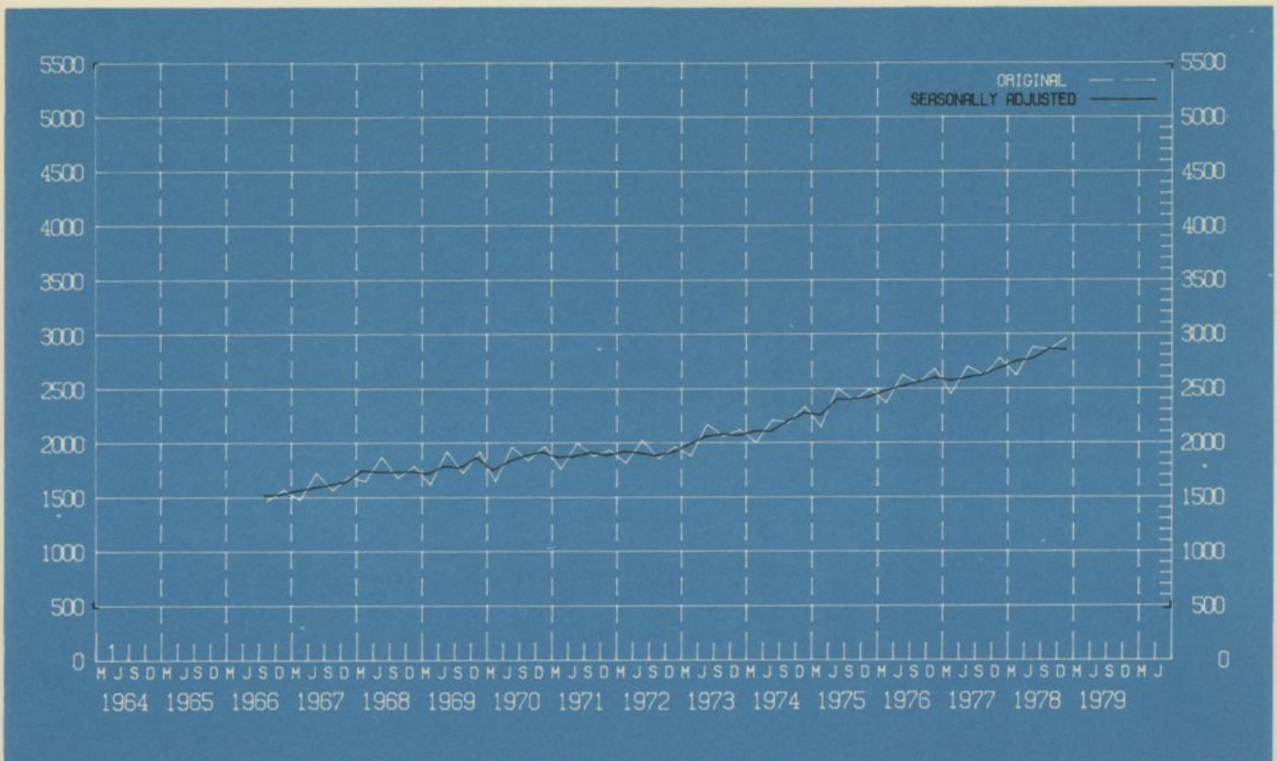
SEASONALLY ADJUSTED

1964	455	481	484	507
1965	531	525	599	594
1966	586	600	656	655
1967	686	705	725	736
1968	820	773	798	827
1969	828	876	861	926
1970	900	951	997	1034
1971	1067	1105	1138	1167
1972	1227	1226	1263	1294
1973	1359	1506	1566	1645
1974	1742	1813	2030	2227
1975	2393	2523	2608	2776
1976	2916	3066	3208	3280
1977	3346	3440	3563	3692
1978	3861	3905	4112	4102



FINAL CONSUMPTION EXPENDITURE - GOVERNMENT  
AT AVERAGE 1974-75 PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966			1471	1568
1967	1475	1719	1568	1688
1968	1648	1869	1681	1787
1969	1618	1922	1725	1919
1970	1646	1962	1841	1970
1971	1759	2001	1878	1938
1972	1814	2022	1859	1964
1973	1883	2169	2063	2120
1974	2005	2211	2188	2334
1975	2147	2503	2389	2496
1976	2368	2622	2551	2680
1977	2449	2703	2621	2779
1978	2621	2881	2857	2954

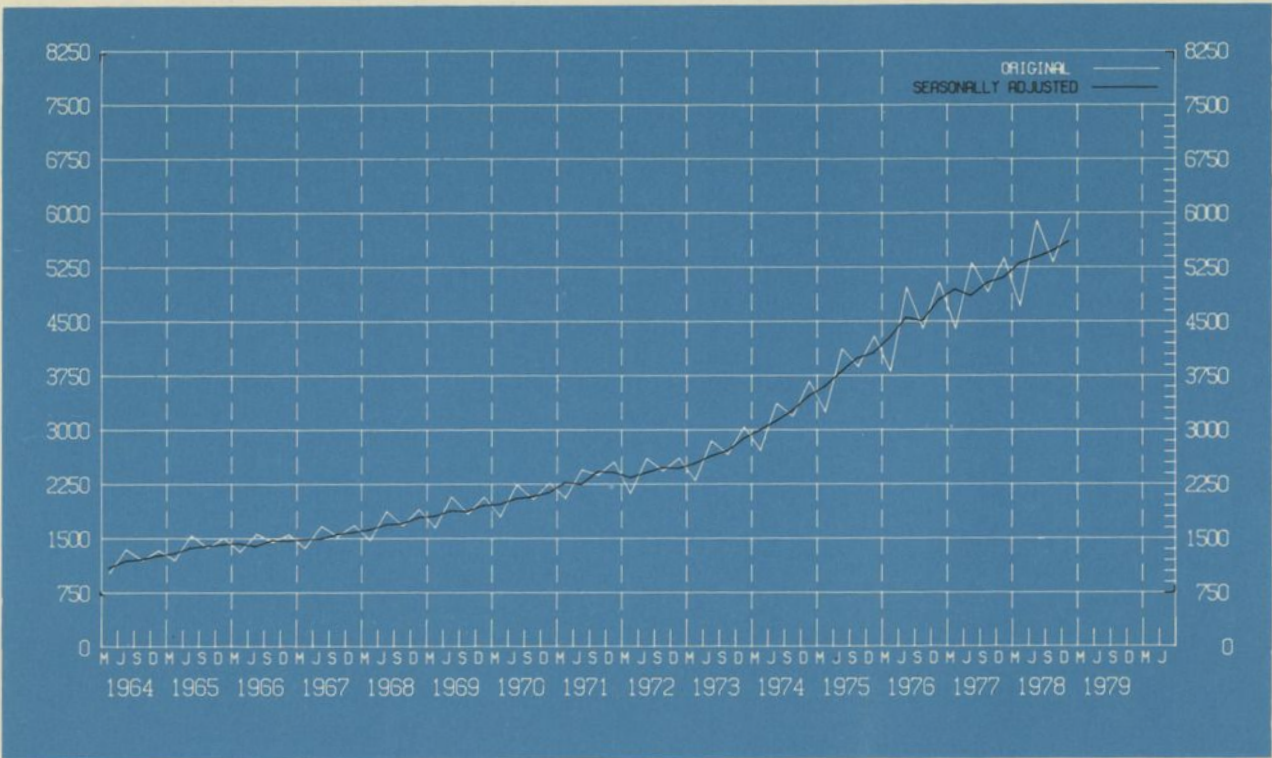
SEASONALLY ADJUSTED

1966			1526	1537
1967	1570	1598	1626	1652
1968	1756	1741	1739	1748
1969	1725	1796	1779	1875
1970	1757	1839	1890	1926
1971	1875	1885	1920	1896
1972	1929	1916	1891	1925
1973	1993	2068	2091	2078
1974	2118	2118	2213	2285
1975	2264	2409	2413	2437
1976	2498	2532	2573	2612
1977	2584	2615	2642	2705
1978	2767	2789	2880	2873



GROSS FIXED CAPITAL EXPENDITURE - TOTAL  
AT CURRENT PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	1017	1343	1193	1326
1965	1193	1534	1365	1495
1966	1308	1553	1443	1545
1967	1357	1663	1524	1673
1968	1470	1866	1667	1889
1969	1639	2067	1830	2062
1970	1787	2239	2029	2258
1971	2046	2441	2366	2549
1972	2113	2600	2424	2604
1973	2292	2843	2654	3038
1974	2707	3355	3180	3662
1975	3236	4114	3869	4291
1976	3797	4967	4390	5037
1977	4396	5308	4903	5369
1978	4707	5886	5319	5909

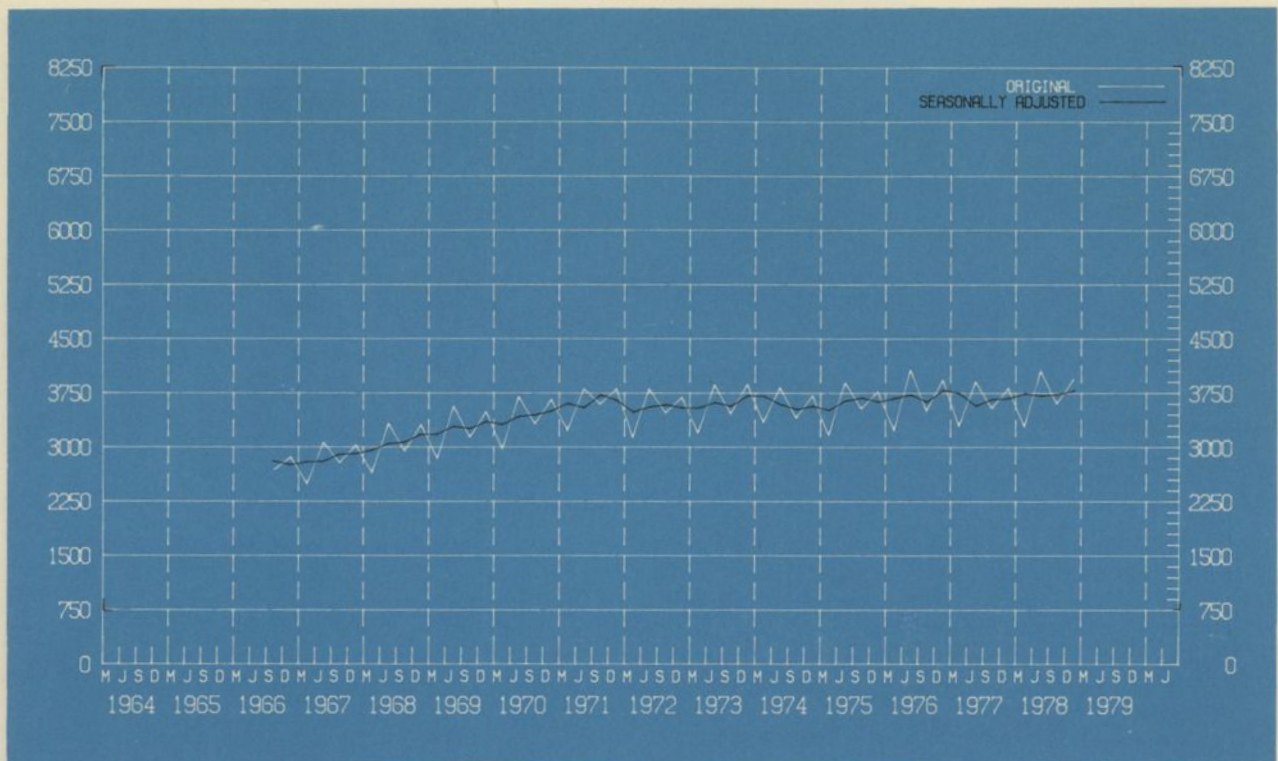
SEASONALLY ADJUSTED

1964	1119	1218	1239	1290
1965	1317	1396	1417	1443
1966	1456	1413	1499	1489
1967	1512	1517	1580	1606
1968	1638	1709	1726	1808
1969	1825	1900	1890	1974
1970	1987	2068	2094	2150
1971	2284	2262	2437	2426
1972	2352	2421	2489	2478
1973	2546	2653	2717	2890
1974	3008	3130	3270	3473
1975	3607	3809	3999	4073
1976	4286	4560	4510	4797
1977	4950	4861	5043	5107
1978	5310	5394	5479	5609



GROSS FIXED CAPITAL EXPENDITURE - TOTAL  
AT AVERAGE 1974-75 PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966			2687	2859
1967	2491	3063	2784	3023
1968	2644	3321	2946	3306
1969	2841	3564	3134	3493
1970	2972	3698	3322	3659
1971	3231	3808	3600	3808
1972	3135	3805	3478	3691
1973	3200	3862	3465	3869
1974	3350	3824	3407	3718
1975	3170	3895	3540	3774
1976	3236	4073	3508	3933
1977	3300	3909	3542	3817
1978	3293	4058	3607	3939

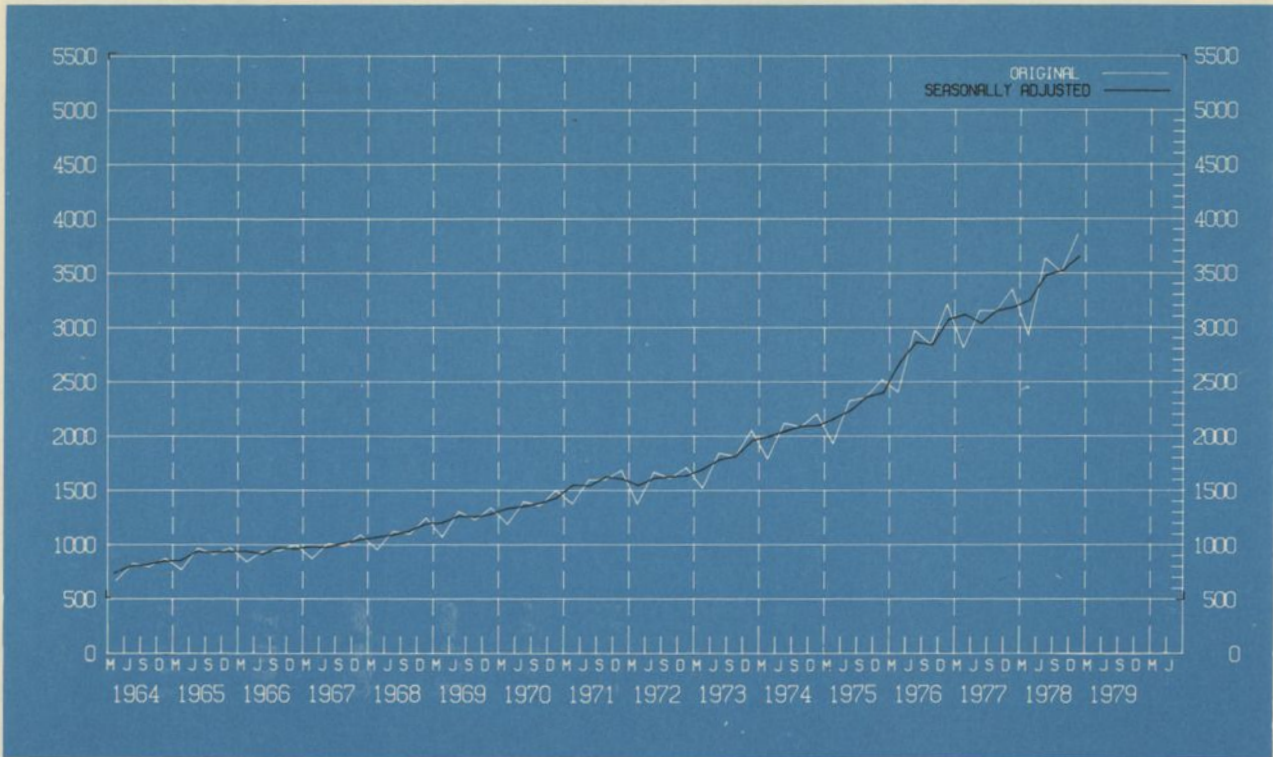
SEASONALLY ADJUSTED

1966			2796	2749
1967	2789	2794	2893	2901
1968	2953	3042	3059	3169
1969	3167	3280	3246	3345
1970	3302	3417	3437	3493
1971	3597	3535	3712	3636
1972	3475	3546	3579	3532
1973	3532	3609	3554	3701
1974	3694	3576	3507	3553
1975	3496	3625	3663	3611
1976	3660	3709	3606	3772
1977	3722	3554	3645	3655
1978	3722	3694	3713	3763



GROSS FIXED CAPITAL EXPENDITURE - PRIVATE  
AT CURRENT PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	669	824	797	870
1965	767	964	909	967
1966	840	941	945	999
1967	872	1009	990	1092
1968	955	1127	1100	1251
1969	1072	1307	1232	1340
1970	1192	1398	1363	1501
1971	1378	1597	1601	1684
1972	1378	1668	1613	1710
1973	1520	1842	1812	2052
1974	1789	2119	2085	2202
1975	1930	2325	2352	2519
1976	2403	2973	2838	3216
1977	2809	3156	3149	3348
1978	2924	3632	3502	3851

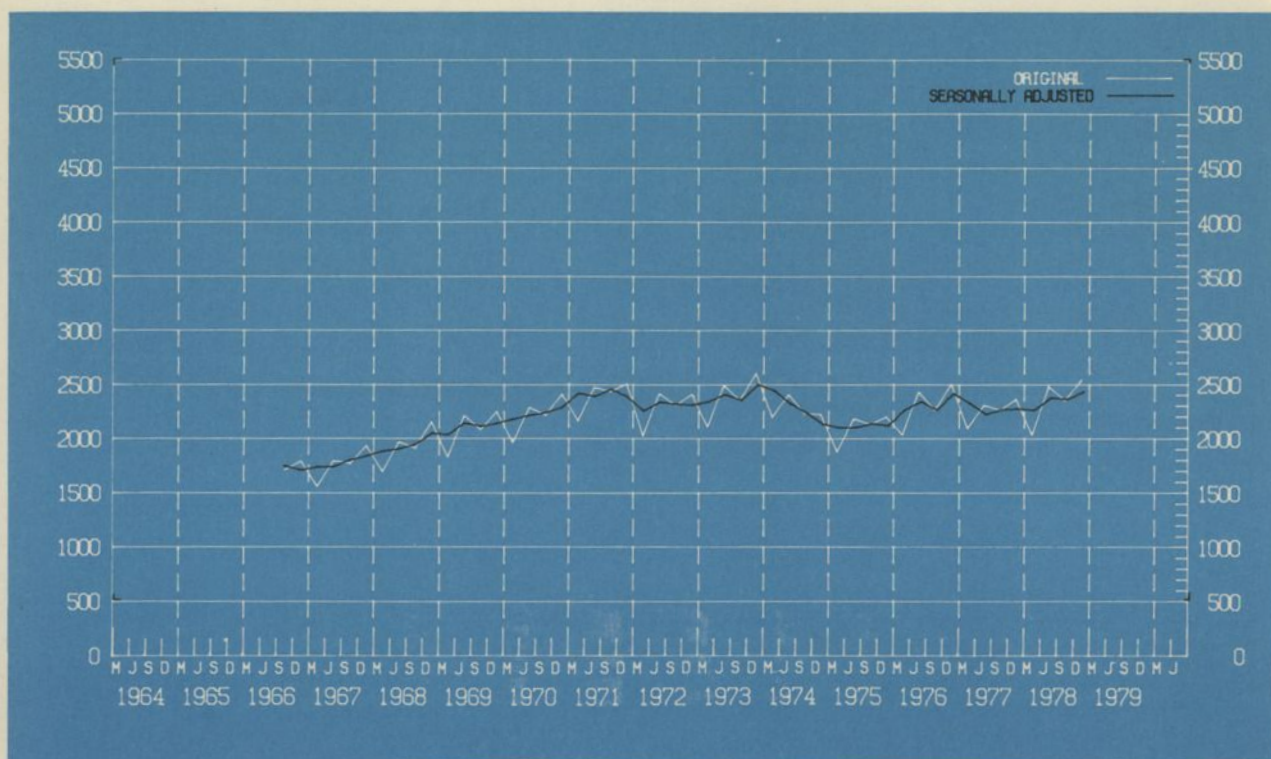
SEASONALLY ADJUSTED

1964	726	788	800	835
1965	837	921	915	919
1966	926	898	954	948
1967	964	963	999	1032
1968	1056	1077	1110	1181
1969	1184	1251	1239	1267
1970	1319	1338	1371	1415
1971	1536	1527	1607	1591
1972	1532	1599	1612	1622
1973	1684	1769	1804	1950
1974	1982	2034	2080	2085
1975	2150	2226	2349	2391
1976	2660	2853	2827	3062
1977	3108	3026	3145	3176
1978	3244	3473	3512	3641



GROSS FIXED CAPITAL EXPENDITURE - PRIVATE  
AT AVERAGE 1974-75 PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1966			1714	1795
1967	1563	1800	1775	1938
1968	1699	1973	1917	2159
1969	1838	2218	2091	2253
1970	1971	2293	2223	2415
1971	2172	2480	2443	2513
1972	2032	2423	2316	2415
1973	2118	2497	2361	2611
1974	2206	2413	2237	2231
1975	1884	2190	2137	2208
1976	2043	2437	2268	2510
1977	2101	2316	2267	2371
1978	2039	2486	2357	2544

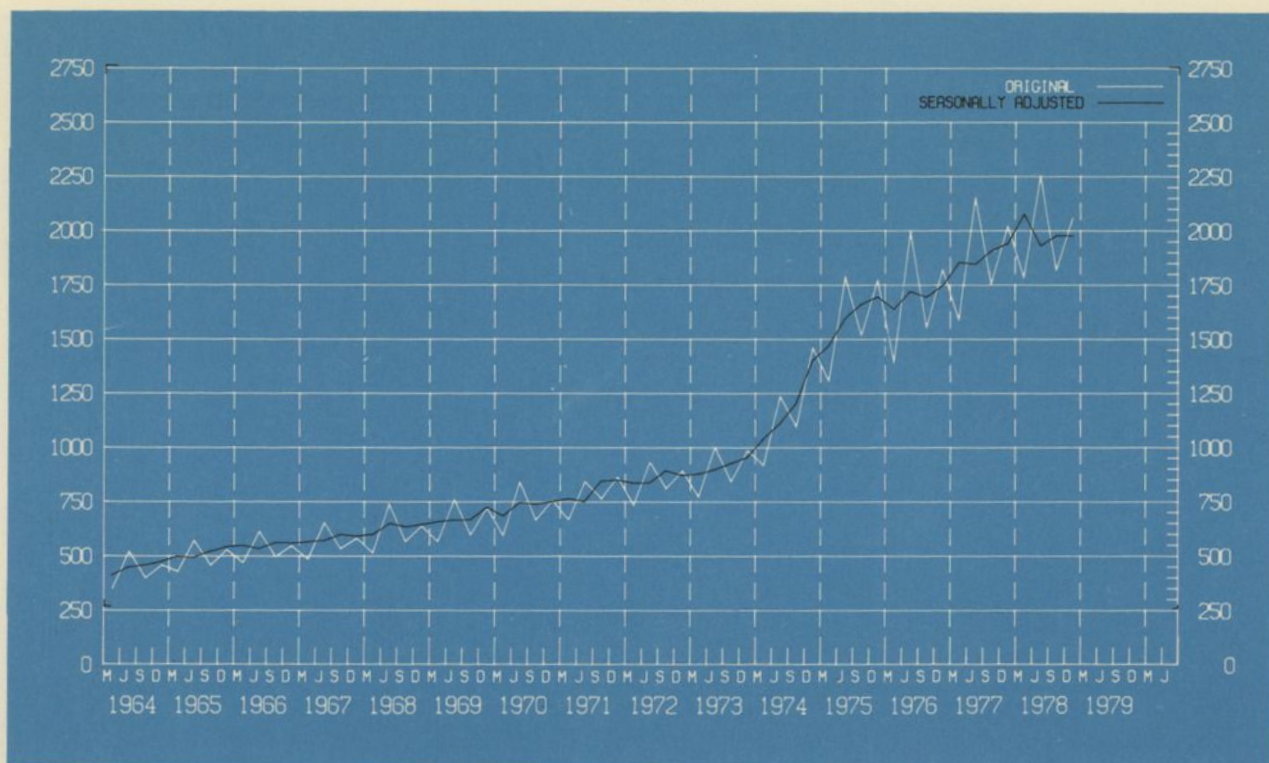
## SEASONALLY ADJUSTED

1966			1735	1694
1967	1724	1727	1791	1827
1968	1872	1895	1934	2038
1969	2024	2133	2103	2130
1970	2170	2205	2231	2281
1971	2409	2380	2447	2381
1972	2247	2331	2309	2302
1973	2334	2400	2346	2492
1974	2436	2316	2227	2126
1975	2089	2095	2129	2110
1976	2254	2334	2255	2407
1977	2318	2214	2259	2267
1978	2256	2370	2355	2425



GROSS FIXED CAPITAL EXPENDITURE - PUBLIC  
AT CURRENT PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	348	519	396	456
1965	426	570	456	528
1966	468	612	498	546
1967	485	654	534	581
1968	515	739	567	638
1969	567	760	598	722
1970	595	841	666	757
1971	668	844	765	865
1972	735	932	811	894
1973	772	1001	842	986
1974	918	1236	1095	1460
1975	1306	1789	1517	1772
1976	1394	1994	1552	1821
1977	1587	2152	1754	2021
1978	1783	2254	1817	2058

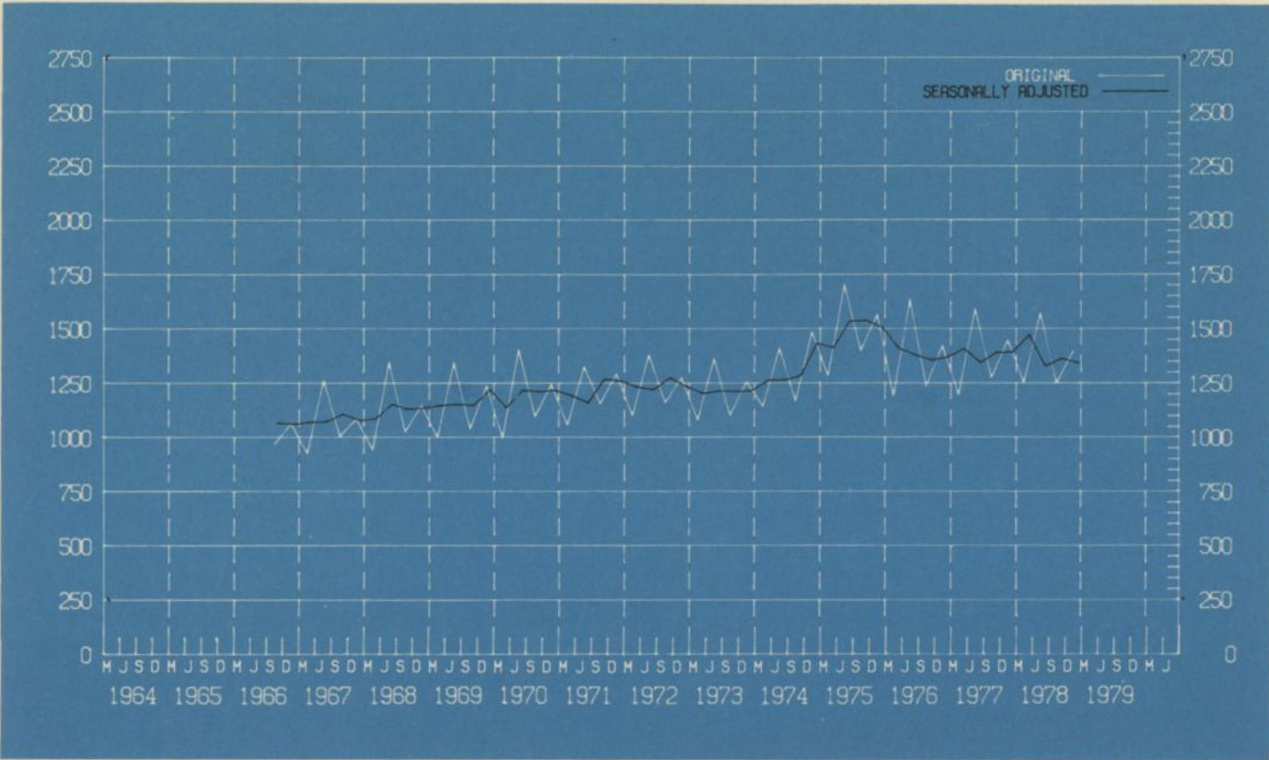
## SEASONALLY ADJUSTED

1964	393	430	439	455
1965	480	475	502	524
1966	530	515	545	541
1967	548	554	581	574
1968	582	632	616	627
1969	641	649	651	707
1970	668	730	723	735
1971	748	735	830	835
1972	820	822	877	856
1973	862	884	913	940
1974	1026	1096	1190	1388
1975	1457	1583	1650	1682
1976	1626	1707	1683	1735
1977	1842	1835	1898	1931
1978	2066	1921	1967	1968



GROSS FIXED CAPITAL EXPENDITURE - PUBLIC  
AT AVERAGE 1974-75 PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1966			973	1064
1967	928	1263	1009	1085
1968	945	1348	1029	1147
1969	1003	1346	1043	1240
1970	1001	1405	1099	1244
1971	1059	1328	1157	1295
1972	1103	1382	1162	1276
1973	1082	1365	1104	1258
1974	1144	1411	1170	1487
1975	1286	1705	1403	1566
1976	1193	1636	1239	1423
1977	1199	1593	1276	1446
1978	1254	1572	1250	1395

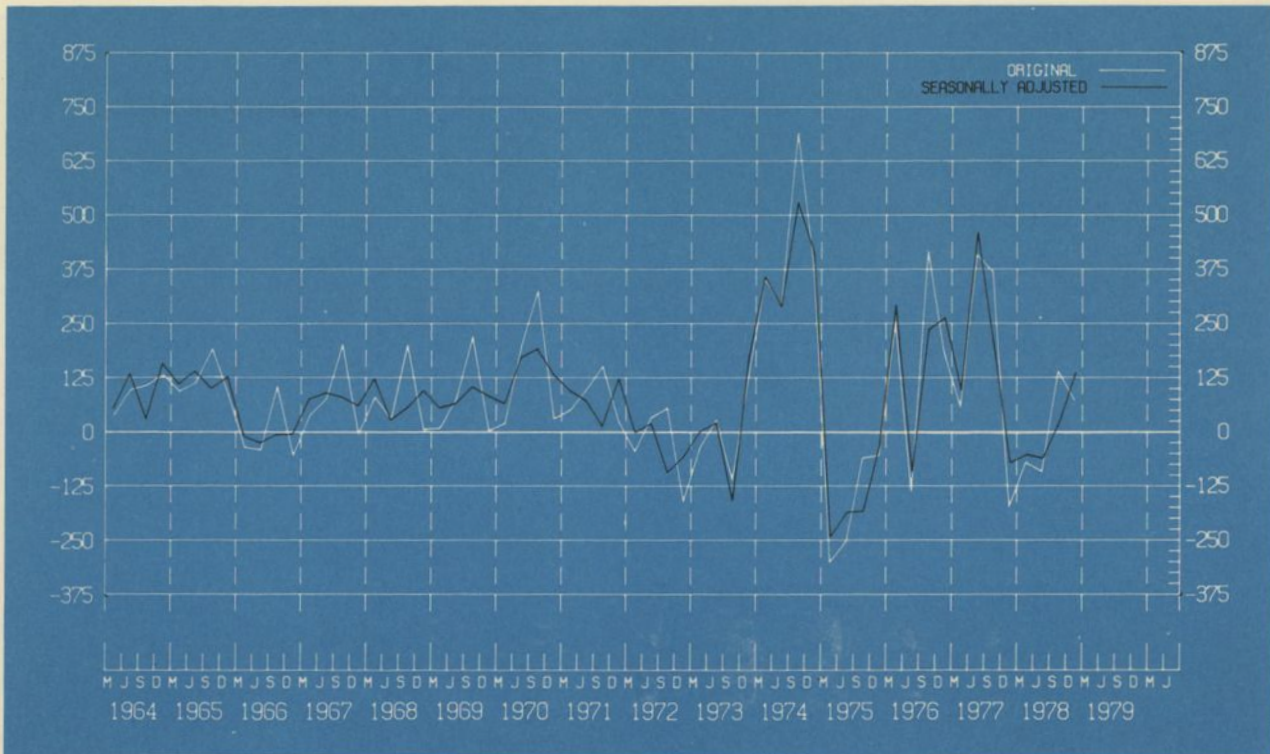
SEASONALLY ADJUSTED

1966			1061	1055
1967	1065	1067	1102	1074
1968	1081	1147	1125	1131
1969	1143	1147	1143	1215
1970	1132	1212	1206	1212
1971	1188	1155	1265	1255
1972	1228	1215	1270	1230
1973	1198	1209	1208	1209
1974	1258	1260	1280	1427
1975	1407	1530	1534	1501
1976	1406	1375	1351	1365
1977	1404	1340	1386	1388
1978	1466	1324	1358	1338



INCREASE IN STOCKS - PRIVATE NON-FARM  
AT CURRENT PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	38	96	106	130
1965	92	113	190	84
1966	-37	-43	103	-56
1967	37	75	200	-6
1968	79	27	199	4
1969	7	75	218	1
1970	19	197	324	29
1971	49	96	150	22
1972	-46	32	54	-162
1973	-39	26	-112	127
1974	351	289	688	381
1975	-302	-252	-61	-55
1976	253	-139	416	181
1977	56	407	367	-175
1978	-72	-93	138	72

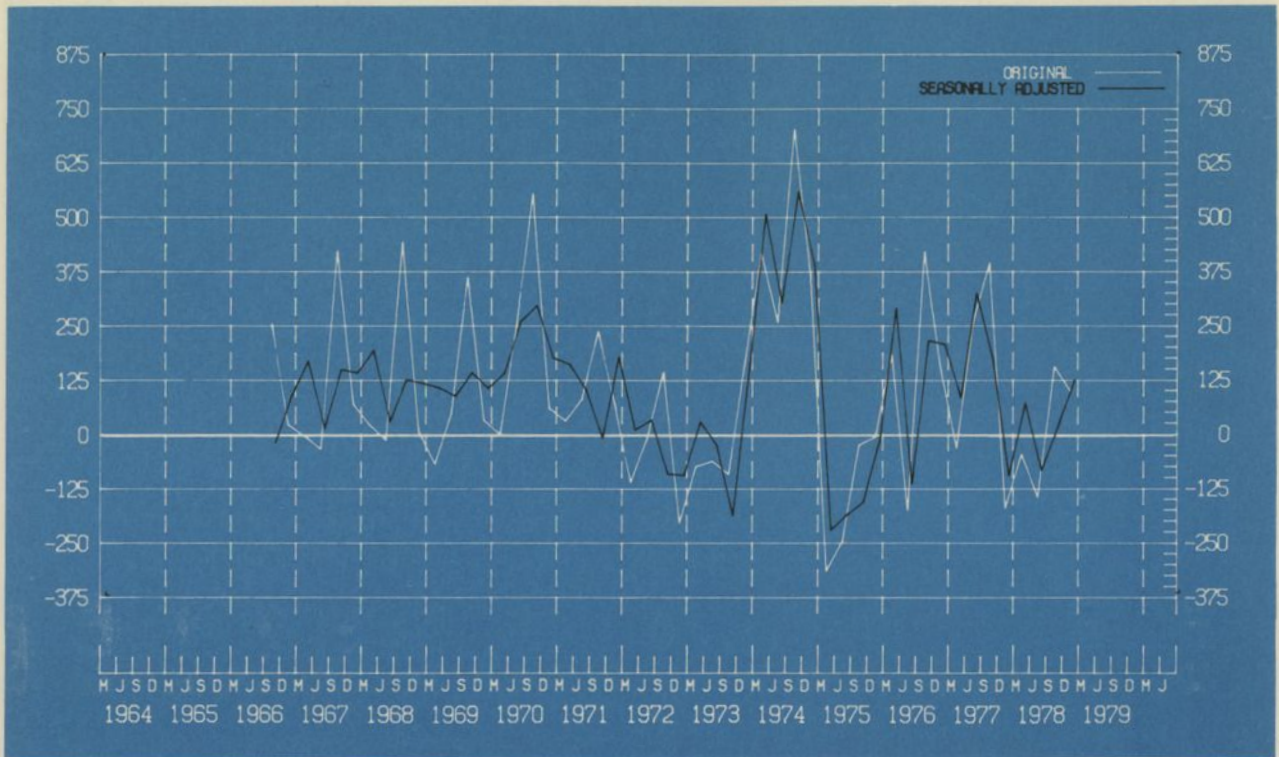
SEASONALLY ADJUSTED

1964	56	135	32	159
1965	111	141	101	128
1966	-9	-24	-5	-4
1967	77	91	81	61
1968	124	29	57	96
1969	57	66	105	83
1970	66	172	192	132
1971	95	72	13	124
1972	0	20	-92	-56
1973	1	22	-157	168
1974	356	288	527	411
1975	-240	-183	-181	-29
1976	292	-90	236	263
1977	96	458	202	-70
1978	-51	-60	22	135



INCREASE IN STOCKS - PRIVATE NON-FARM  
AT AVERAGE 1974-75 PRICES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
		ORIGINAL		
1966			254	21
1967	-5	-35	421	69
1968	21	-14	442	7
1969	-69	48	361	32
1970	0	249	554	60
1971	31	81	237	72
1972	-110	-9	144	-203
1973	-73	-61	-91	165
1974	418	259	703	371
1975	-314	-245	-24	-5
1976	184	-174	421	154
1977	-30	261	395	-168
1978	-45	-143	157	100

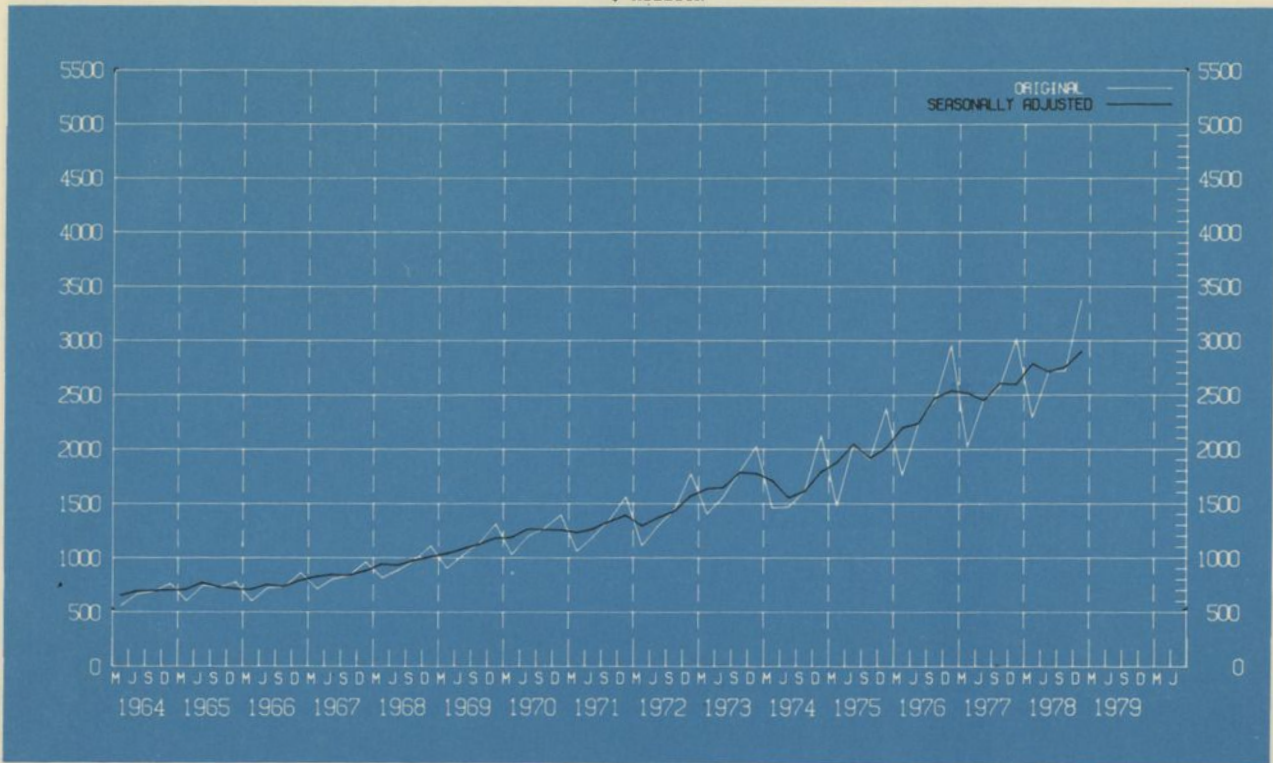
SEASONALLY ADJUSTED

1966			-24	85
1967	164	8	144	136
1968	188	24	120	112
1969	101	82	136	100
1970	135	254	291	170
1971	155	97	-15	172
1972	4	26	-98	-101
1973	22	-31	-194	144
1974	502	298	553	386
1975	-228	-193	-164	-21
1976	284	-121	209	200
1977	77	318	168	-104
1978	63	-91	10	116



GROSS OPERATING SURPLUS - TRADING ENTERPRISES  
COMPANIES

\$ MILLION



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	556	662	689	758
1965	599	739	724	772
1966	601	719	729	859
1967	709	806	837	961
1968	815	888	976	1111
1969	899	1026	1133	1309
1970	1027	1199	1272	1396
1971	1057	1194	1349	1560
1972	1109	1294	1442	1772
1973	1403	1561	1792	2022
1974	1458	1463	1609	2124
1975	1474	2042	1901	2373
1976	1755	2240	2447	2956
1977	2017	2448	2574	3014
1978	2288	2715	2721	3375

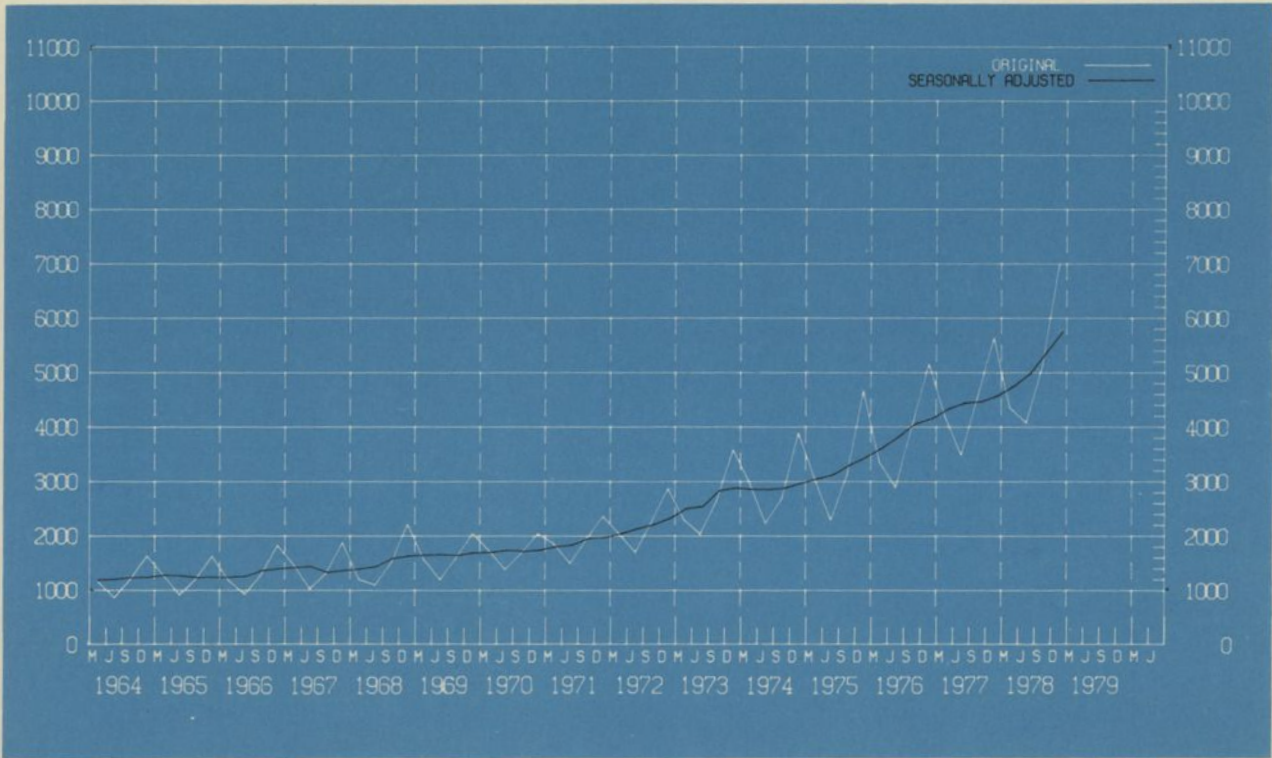
SEASONALLY ADJUSTED

1964	630	670	676	681
1965	685	748	711	693
1966	684	730	715	769
1967	804	822	821	857
1968	920	913	956	990
1969	1018	1063	1105	1163
1970	1167	1246	1240	1237
1971	1209	1245	1315	1371
1972	1273	1348	1411	1548
1973	1614	1625	1764	1755
1974	1688	1530	1592	1769
1975	1860	2023	1896	1990
1976	2176	2218	2450	2518
1977	2493	2427	2585	2574
1978	2764	2691	2736	2875



GROSS OPERATING SURPLUS - TRADING ENTERPRISES  
OTHER

\$ MILLION

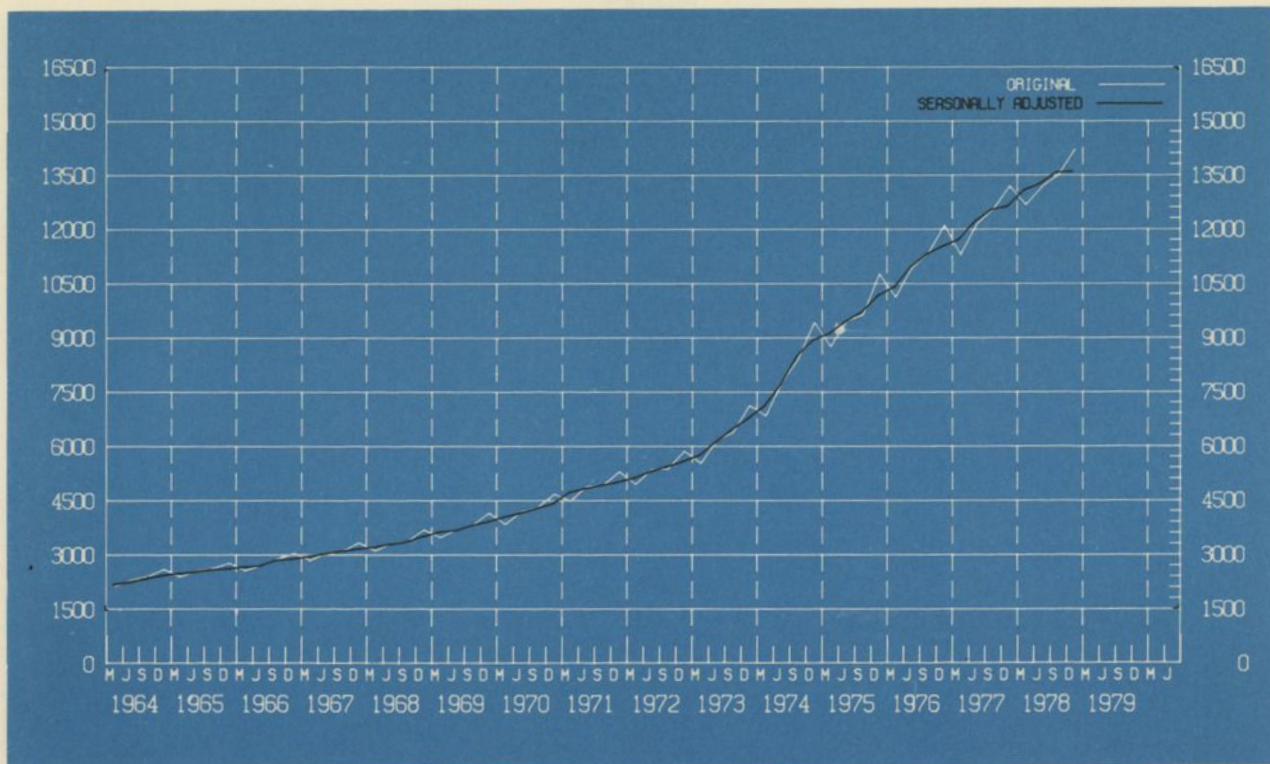


YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	1157	861	1208	1628
1965	1278	915	1211	1630
1966	1190	931	1280	1823
1967	1464	1029	1311	1879
1968	1207	1096	1505	2213
1969	1566	1194	1605	2041
1970	1732	1381	1684	2039
1971	1850	1488	1938	2357
1972	2034	1694	2262	2869
1973	2296	2037	2648	3578
1974	2979	2228	2688	3892
1975	3057	2284	3114	4666
1976	3352	2883	4037	5153
1977	4189	3481	4548	5636
1978	4352	4064	5153	6970
SEASONALLY ADJUSTED				
1964	1192	1198	1237	1242
1965	1277	1266	1228	1236
1966	1237	1252	1356	1393
1967	1413	1433	1325	1361
1968	1390	1431	1578	1627
1969	1639	1650	1636	1686
1970	1690	1730	1712	1729
1971	1797	1824	1946	1961
1972	2028	2120	2196	2312
1973	2483	2527	2816	2866
1974	2837	2837	2860	2951
1975	3029	3113	3286	3430
1976	3602	3807	4033	4131
1977	4307	4410	4437	4541
1978	4716	4944	5333	5713



## WAGES, SALARIES AND SUPPLEMENTS

\$ MILLION



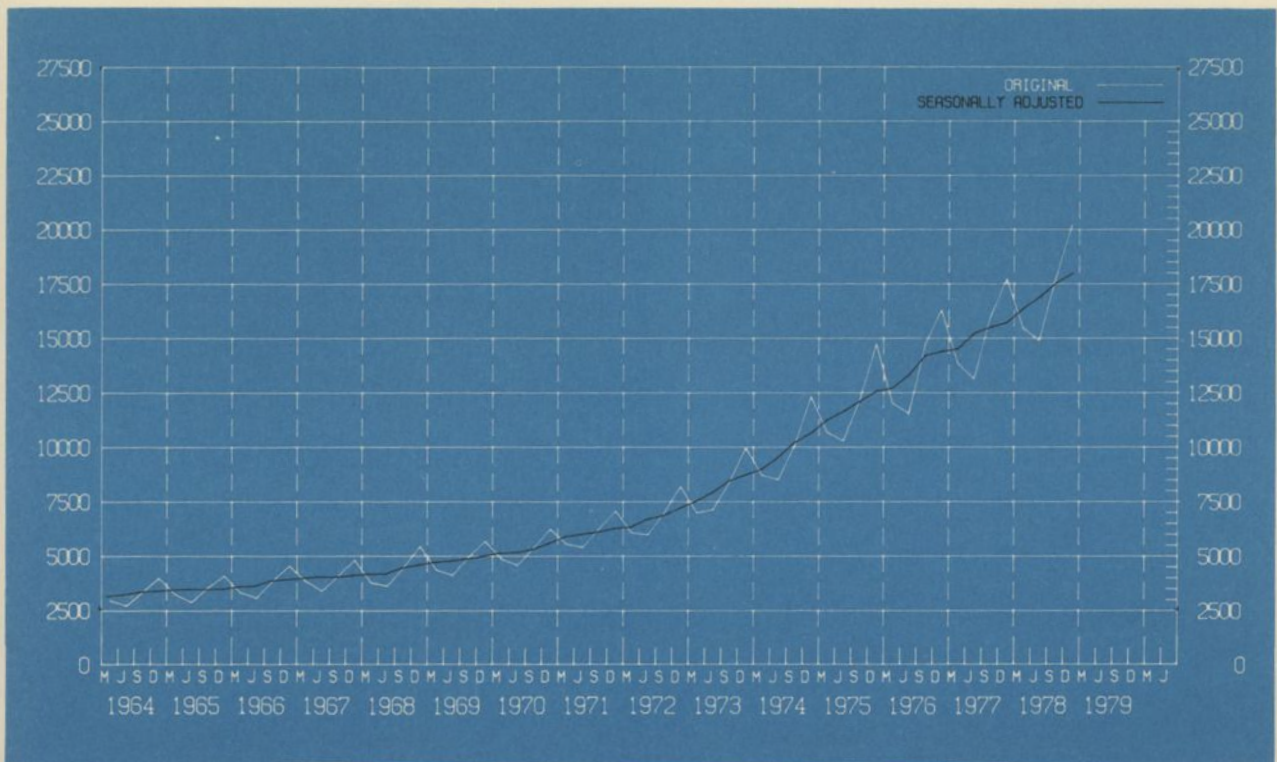
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
	ORIGINAL			
1964	2119	2286	2384	2588
1965	2385	2551	2628	2766
1966	2568	2715	2885	3035
1967	2853	3043	3116	3320
1968	3110	3314	3375	3691
1969	3471	3700	3823	4146
1970	3840	4183	4302	4675
1971	4479	4884	4913	5286
1972	4941	5356	5370	5854
1973	5513	6167	6383	7115
1974	6825	7755	8406	9414
1975	8742	9465	9636	10764
1976	10117	10928	11334	12106
1977	11288	12152	12543	13184
1978	12670	13170	13495	14194

## SEASONALLY ADJUSTED

1964	2204	2283	2380	2457
1965	2513	2556	2618	2639
1966	2695	2723	2881	2912
1967	2981	3050	3131	3183
1968	3230	3317	3386	3528
1969	3647	3692	3833	3933
1970	4065	4172	4299	4431
1971	4742	4853	4932	5028
1972	5141	5317	5453	5595
1973	5765	6138	6479	6788
1974	7133	7727	8521	8958
1975	9141	9469	9732	10191
1976	10422	10983	11331	11557
1977	11743	12248	12562	12663
1978	13104	13280	13596	13626



HOUSEHOLD DISPOSABLE INCOME  
\$ MILLION



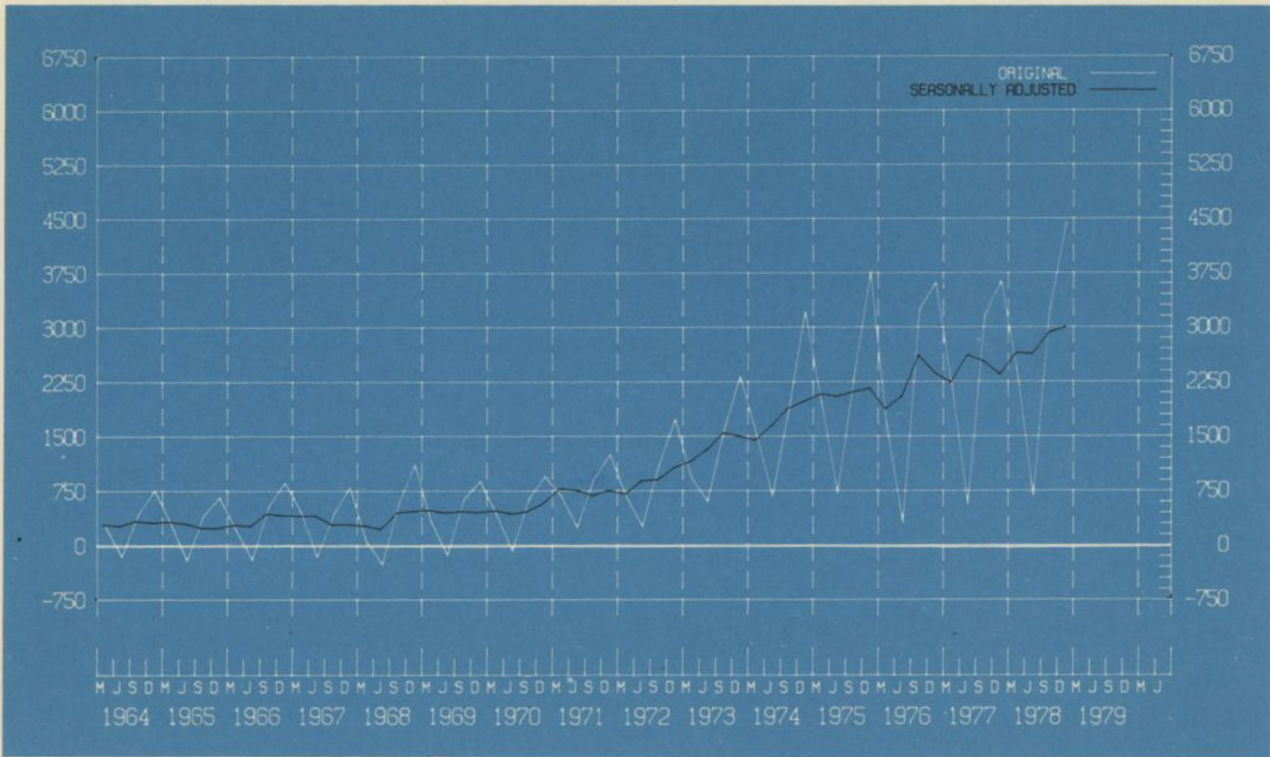
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	2955	2717	3353	3986
1965	3234	2880	3548	4082
1966	3324	3077	3881	4545
1967	3852	3405	4084	4823
1968	3781	3622	4481	5451
1969	4364	4113	4949	5684
1970	4865	4576	5395	6240
1971	5549	5406	6259	7064
1972	6066	5978	6981	8193
1973	6993	7141	8393	9957
1974	8705	8500	10079	12326
1975	10678	10269	12155	14735
1976	12009	11527	14710	16297
1977	13850	13126	15989	17731
1978	15446	14904	17703	20189

## SEASONALLY ADJUSTED

YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
1964	3104	3168	3305	3334
1965	3402	3421	3421	3442
1966	3536	3577	3828	3871
1967	3942	4006	3983	4059
1968	4124	4142	4414	4553
1969	4679	4739	4842	4960
1970	5094	5131	5270	5554
1971	5864	5963	6080	6235
1972	6298	6655	6829	7162
1973	7483	7883	8415	8693
1974	8950	9497	10163	10606
1975	11194	11606	12049	12519
1976	12673	13275	14162	14347
1977	14463	15173	15466	15678
1978	16314	16837	17491	17931



HOUSEHOLD SAVING  
\$ MILLION



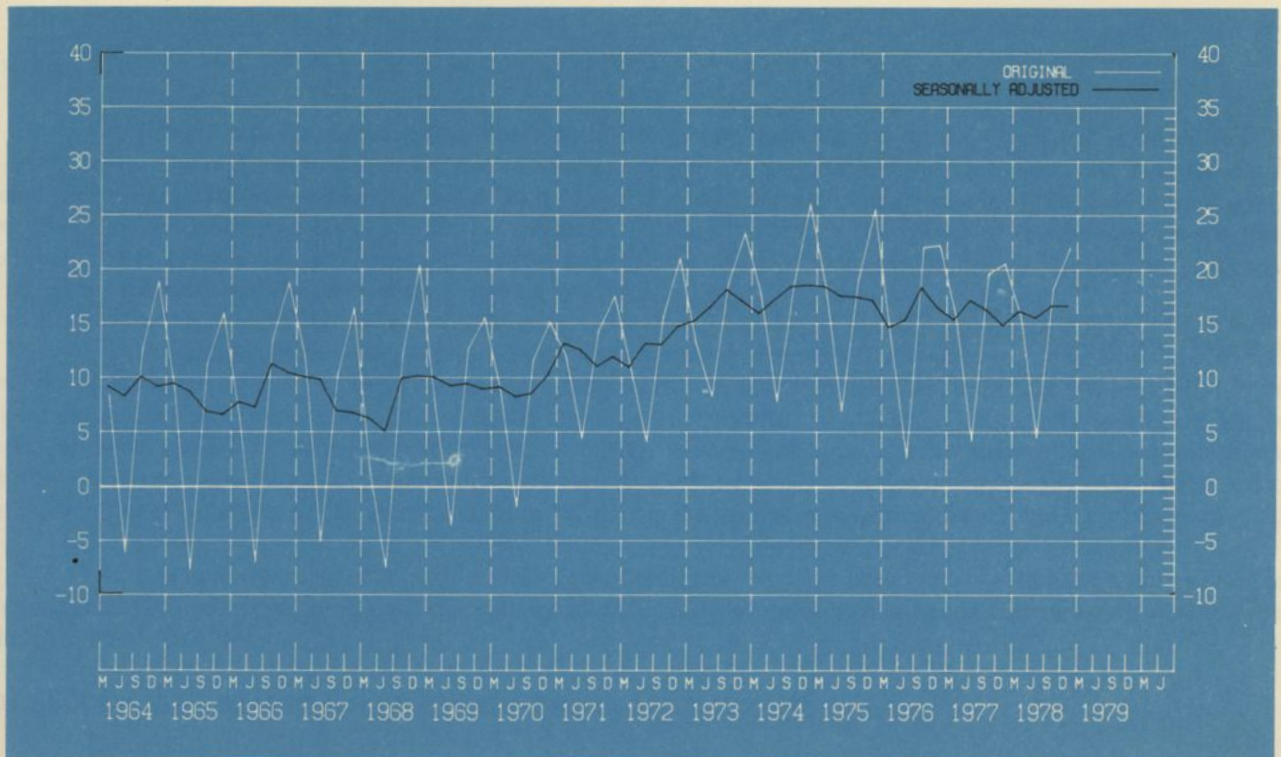
YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	245	-167	417	751
1965	296	-222	397	650
1966	211	-215	521	850
1967	458	-172	418	792
1968	52	-273	550	1105
1969	321	-147	622	879
1970	427	-88	626	940
1971	667	239	893	1236
1972	662	247	1089	1724
1973	925	594	1569	2317
1974	1538	666	1857	3206
1975	1963	709	2312	3755
1976	1651	300	3238	3610
1977	2191	556	3138	3630
1978	2402	676	3227	4428

SEASONALLY ADJUSTED

1964	282	260	331	303
1965	319	293	234	225
1966	273	256	428	403
1967	393	392	274	270
1968	255	207	435	459
1969	469	434	453	439
1970	465	419	449	568
1971	766	745	666	741
1972	686	875	887	1052
1973	1141	1298	1527	1480
1974	1427	1630	1868	1966
1975	2064	2030	2094	2143
1976	1856	2034	2590	2347
1977	2215	2596	2505	2327
1978	2623	2611	2899	2978



HOUSEHOLD SAVING RATIO  
PER CENT



YEAR	MAR. QTR	JUN. QTR	SEP. QTR	DEC. QTR
ORIGINAL				
1964	8.3	-6.1	12.4	18.8
1965	9.1	-7.7	11.2	15.9
1966	6.3	-7.0	13.4	18.7
1967	11.9	-5.1	10.2	16.4
1968	1.4	-7.5	12.3	20.3
1969	7.4	-3.6	12.6	15.5
1970	8.8	-1.9	11.6	15.1
1971	12.0	4.4	14.3	17.5
1972	10.9	4.1	15.6	21.0
1973	13.2	8.3	18.7	23.3
1974	17.7	7.8	18.4	26.0
1975	18.4	6.9	19.0	25.5
1976	13.7	2.6	22.0	22.2
1977	15.8	4.2	19.6	20.5
1978	15.6	4.5	18.2	21.9

## SEASONALLY ADJUSTED

1964	9.1	8.2	10.0	9.1
1965	9.4	8.6	6.8	6.5
1966	7.7	7.2	11.2	10.4
1967	10.0	9.8	6.9	6.7
1968	6.2	5.0	9.9	10.1
1969	10.0	9.2	9.4	8.9
1970	9.1	8.2	8.5	10.2
1971	13.1	12.5	11.0	11.9
1972	10.9	13.1	13.0	14.7
1973	15.2	16.5	18.1	17.0
1974	15.9	17.2	18.4	18.5
1975	18.4	17.5	17.4	17.1
1976	14.6	15.3	18.3	16.4
1977	15.3	17.1	16.2	14.8
1978	16.1	15.5	16.6	16.6







## APPENDIX A

## NOTES ON SEASONAL ADJUSTMENT METHODS

## INTRODUCTION

It is often useful and sometimes necessary in interpreting quarterly and monthly statistical series to recognise and take account of the element of variation due to what are commonly known as seasonal influences. As a supplement to personal judgement, statistical techniques can be used to evaluate the effects of normal seasonal influences operating on a series. This kind of evaluation does not call for subjective judgment except in the choice of the appropriate statistical techniques. The techniques are called seasonal analysis, and they are designed to enable the series to be seasonally adjusted, that is, to have the estimated effects of normal seasonal influences removed from them.

2. Normal seasonal influences on statistical series are those influences that tend to recur regularly once or more a year. Not all statistical series are affected by seasonal influences in a manner regular enough to be called 'normal'; if they are not they cannot usefully be seasonally adjusted. Those that are seasonally affected usually reflect the influence of the seasons themselves, either directly or through production series related to them (such as farm production), or social conventions (such as the incidence of holidays) or administrative practices (such as the timing of tax payments). Many of them also reflect differences in the composition of the months, in terms of the number of trading days and the accounting practices adopted.

3. It is important that users have a clear understanding of what has been removed from the series by seasonal adjustment, and the limitations to which the seasonally adjusted series are subject. It is hoped that these introductory notes will help to achieve this object.

## BASIC PROCESSES OF SEASONAL ADJUSTMENT, SIMPLE METHODS

4. The basic concepts underlying the seasonal adjustment methods employed by this Bureau are best explained by reference to the simpler methods in use before the introduction of computers. These illustrate basic processes common to most seasonal adjustment methods.

5. Most series are seasonally adjusted by dividing the original figures by factors which represent in ratio form the effects of normal seasonal influences on the various months in that series. Such adjustment is called *multiplicative*. Less common is *additive* adjustment, in which estimated seasonal *differences* are deducted from the original series.

6. In estimating seasonal adjustments, it is first necessary to calculate *trend* values for each month (or quarter) in the series. The simplest estimate of trend is the centred twelve-month moving average of the original series. A twelve-month moving average of the original series is another series, each term of which is the average of twelve consecutive monthly figures in the original series. The centre of this moving average would fall between the sixth and seventh month. To make it coincide with a particular month, the average is then taken of all pairs of consecutive months in the moving average series itself. This second moving average is called a centred twelve-month moving average, and is equivalent to a 2 x 12-term moving average, that is, a two-term moving average of a twelve-term moving average. The corresponding simple estimate of trend for a quarterly series is obtained by a 2 x 4-term moving average.

7. A set of ratios (larger or smaller than one) or differences (plus or minus) may be obtained by dividing the original series by the trend figures, or by subtracting the trend figures from the original figures. The ratios or differences so obtained are known as *seasonal-irregular* ratios or differences and are considered to include both normal seasonal influences and other, irregular, effects peculiar to the month or quarter in question. The effect of normal *seasonal* influences for each of the twelve months of the year is estimated as an average of the seasonal-irregular ratios or differences for that month of successive years. The average ratios or differences are referred to as seasonal factors or seasonal differences. They may be used to adjust the original series for the normal seasonal movement of which they are estimates, thereby giving a seasonally adjusted series.

## SEASONALLY ADJUSTED FIGURES AS COMBINATION OF TREND AND IRREGULAR COMPONENTS

8. These simple methods reflect the assumption underlying most seasonal adjustment methods, namely, that the original series can be represented by three components: *trend*, *seasonal* and *irregular*. Removing the trend (either by



## APPENDIX A — continued

division or subtraction) leaves the seasonal-irregulars. The seasonal (for each month or quarter of the year) is derived from these by averaging them, in order to 'cancel out' irregulars. The irregular can be isolated in turn by removing both the trend and the seasonal from the original figure. It is to be noted that the existence of a seasonal as a component of a figure in a statistical series is merely an assumption. The 'true' seasonal, if it exists, is not known, and the methods available only enable it to be estimated. Similarly, the trend is only the estimated trend, as the 'true' trend is not known. The irregular depends entirely on the value of the estimates of seasonal and trend.

9. The most important inference to be drawn is that seasonally adjusted series reflect irregulars as well as trend. Therefore, they may not be the 'smooth' series the user may expect, and they can be used only approximately as measures of trend. An apparent change of direction from one month to another may have been due to the irregular component, not to a change of trend, and the series may resume its former movement the following month. Therefore, to determine whether a given change of direction in a seasonally adjusted series is a 'downturn' or an 'upturn' in the trend, requires judgment on the part of the user, which must be based largely on the extent to which the adjusted series has shown irregular movements in the past.

10. It may be noted in passing that a particular kind of irregular movement occurs if there is a temporary change in seasonal influence. For example, unemployment may increase each year as the fruit-picking season ends, but the season may end a month early in one year. The resulting rise in unemployment may, therefore, not be offset by seasonal adjustment until the following month, when unemployment would be expected to increase according to the normal seasonal pattern. Therefore, the seasonally adjusted figures will show an irregular increase, followed by an irregular decrease a month later.

## CENSUS METHOD II, X-11 VARIANT

11. This Bureau has adopted for its standard methods of seasonal adjustment, the X-11 Variant of the Census Method II Seasonal Adjustment Program and its companion quarterly program X-11Q. Some minor changes have been made to the basic programs in the Australian Bureau of Statistics, and they have been extended to meet specific Australian requirements and to facilitate automatic presentation of results in the format preferred by this Bureau. No more than a general outline of the features of these programs is offered in this note. For further details, reference should be made to *The X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, United States Department of Commerce, Bureau of the Census, February 1967.

## FEATURES OF THE X-11 PROGRAMS

12. These programs are essentially elaborations of the classical ratio-to-moving-average methods of seasonal adjustment, incorporating features specifically designed to overcome short-comings of simpler methods. The minimum time span of data required for X-11 seasonal adjustment is three years for both monthly and quarterly series.

13. The more important features of the monthly X-11 program may be summarised as follows:

- (a) It provides for additive as well as multiplicative adjustment (i.e. difference-from-trend as well as ratio-to-trend).
- (b) It yields improved trend estimates by applying an appropriate moving average (chosen automatically from three alternatives of different lengths and weights) to preliminary seasonally adjusted values, thereby reducing the effects of any residual trend on estimates of seasonal and irregular components. Trend estimates are made for each month of the series and thus permit estimates of seasonal-irregulars over the entire series (including the first and last six months).
- (c) It identifies extreme values and modifies them before making final estimates of seasonal factors and trend values.
- (d) It allows for gradual changes of seasonal pattern from year to year, estimating seasonals for each period as an appropriate weighted moving average of seasonal-irregulars for months of the same name. Four alternative weighted moving averages are provided, for series of differing degrees of irregularity.



APPENDIX A — *continued*

- (e) It estimates forward factors for the twelve months after the latest figure of the series, thus enabling adjustment of additional figures for up to a year without re-analysis.
- (f) It provides for 'trading-day' adjustments and for the estimation of such adjustments from the series itself.
- (g) It allows for optional prior adjustment of the series before analysis, to permit adjustment for influences not otherwise provided for. This facility can be used, among other things, to adjust for the changing effects of holidays such as Easter which may differently affect months in successive years.
- (h) It provides as an option a further procedure designed to prevent the seasonal adjustment from being distorted by the effects of any severe industrial disputes or other major irregular occurrences.
- (i) It provides a range of summary measures which can be useful in selecting from among the various options available for the analysis and adjustment of the series and in interpreting movements in the adjusted series.

14. The companion X-11Q program used for quarterly series is similar in its features but does not provide for the estimation of trading-day adjustments, or for alternative types of weighted moving averages in the estimation of seasonal factors and trend.

15. The programs proceed by iteration. The series is firstly adjusted by any prior adjustments or preliminary trading-day adjustments. The initial centred twelve-month or four-quarter moving average is used to derive provisional seasonal factors and a provisional seasonally adjusted series. This series is then subjected to trend-fitting; seasonal factors are re-estimated; a new seasonally adjusted series is obtained and the trend is removed to obtain irregulars; if required, residual trading-day variation is estimated and removed from the irregulars; extreme irregulars are identified and modified; and the process is repeated with trend being re-estimated from a modified original series. Because seasonal, trend and irregular are complementary parts of a whole, any improvement effected by the process of iteration in the estimate of one part improves the others.

## SUMMARY OF X-11 PROGRAM OPTIONS

16. A wide variety of seasonal adjustment procedures is permitted by either program. This is to suit the widely differing characteristics of series with regard to the magnitude of the trend, seasonal and irregular components of variation and some spasmodic influences which may affect series. The following is a brief account of the available program options and the way in which they are applied.

- (a) **Additive or multiplicative adjustment.** For economic series which have only positive values, seasonal variations usually tend to be proportional to trend. Therefore, the multiplicative method is usually the more appropriate. Additive adjustment is likely to be appropriate if a series can take both positive and negative values.
- (b) **Variable trend-cycle curve routine.** The program provides as optional alternatives 9-, 13-, or 23-term (Henderson) weighted moving averages of the initially estimated seasonally adjusted series for purposes of trend estimation. The appropriate weighted moving average may either be selected automatically by the program or be specified independently. If the irregular variation tends to be high in relation to the variation in trend, a long moving average is indicated to smooth out the effects of the irregulars. If it tends to be low, a short moving average is indicated, to fit the trend more closely to the curves of the data. The X-11Q program provides only a 5-term weighted moving average.
- (c) **Seasonal factor curve routine.** The X-11 program provides as optional alternatives for estimating seasonal factors 3-, 3 x 3-, 3 x 5-, or 3 x 9-term weighted moving averages or a simple average covering all years of the series. Unless otherwise specified, the program employs as standard a 3 x 5-term weighted moving average, but any of the alternatives may be employed for estimating seasonal factors for any named month. (For series in this bulletin the standard 3 x 5-term moving average has been used, except for some series having irregular variation which is relatively high in relation to the estimated



## APPENDIX A – continued

year-to-year change in seasonal factors. For these series the 3 x 9-term moving average has been used for all months). The X-11Q program provides only a 3 x 5-term weighted moving average.

- (d) **Graduated treatment of extremes.** Both programs contain a statistical procedure whereby unusually large or small values are objectively identified and discounted for purposes of calculating seasonal factors and trend values, thus preventing the estimated seasonal factors from being unduly affected by purely irregular influences. Preliminary estimates of the irregular component are tested for extremeness by comparison with their average value and their standard deviation. Values larger or smaller than the average by more than 2.5 standard deviations are regarded as extreme and are given zero weight. Values within 1.5 standard deviations of the average are regarded as normal and receive full (unit) weight. Values between these limits receive a proportionate intermediate weight. Alternative limits may be specified and are occasionally used.
- (e) **Trading-day adjustment.** Specific provision for trading-day adjustment exists in the X-11 (monthly) program but not in the X-11Q (quarterly) program. Monthly trading-day adjustments are calculated by the X-11 program from 7 daily weights (one for each day of the week, some of which may be zero) combined according to the number of times each day of the week occurs in the particular calendar month. Allowance for the varying lengths of calendar months may be included in either the trading-day adjustments or the seasonal factors. The trading-day weights may be supplied independently from previous or external information to effect the trading-day adjustment prior to seasonal analysis by the X-11 program. Alternatively, use may be made of the X-11 trading-day regression which derives a set of trading-day weights by relating the pattern of fluctuation in the estimated irregular component to the pattern of changing combinations of days of the week in the calendar months. The regression procedure may be used in conjunction with a prior trading-day adjustment to test for residual trading-day variation or alternatively to obtain improved estimates by combination of the prior weights and the residual regression estimates. Further options provide for the calculation and/or application of regression estimates of trading-day variation either to the whole series or the part of the series following a specified year; and variation of limits for identifying extremes which are excluded for purposes of the trading-day regression. Trading-day adjustments made to series in this bulletin are largely based on regression estimates obtained in special analyses by the X-11 program made beforehand.
- (f) **Adjustment for severe industrial disputes or other major irregular occurrences.** By the application of this option, the figures for months or quarters affected by an industrial dispute are replaced in the calculation of trend by substitutes more in line with preceding and subsequent figures. The seasonal-irregulars for the period are then more clearly identified and discounted as extreme, while the effects of the industrial dispute are fully reflected in the seasonally adjusted series. Care must be exercised in using this option which may also affect estimation for periods of marked trend change. No use has been made of this option in the adjustment of series included in this bulletin.
- (g) **Prior adjustment.** Prior to seasonal analysis, an adjustment may be made to any one or more of the figures in a series to yield a prior adjusted series. Seasonal factors for the prior adjusted series are then estimated and are used, either by themselves or combined with the appropriate prior adjustment factors, to seasonally adjust the original series. This technique is used mainly to effect calendar adjustments *other than* for monthly or quarterly patterns, for which both the X-11 and X-11Q programs provide, and weekly trading-day patterns in monthly series for which the X-11 program provides. Calendar effects, where measurable, are estimated by regression methods on the basis of the series' past behaviour. These measures are then used to deduce prior adjustment factors appropriate to each month or quarter of the series. Combining these prior adjustments with seasonal adjustments derived from seasonal analysis of the prior adjusted series provides combined adjustment factors by which the original series is seasonally adjusted. Such uses made of prior adjustment are:
  - (i) *Trading-day variation in quarterly series* where measurable trading-day patterns are detected;
  - (ii) *Special types of trading-day variation* other than simple weekly patterns, such as fortnightly pay-days and twelve-weekly payments of child-endowment;



## APPENDIX A – continued

- (iii) *Movable public holidays*, namely, Easter which may fall in either March or April, and Australia Day which may fall in either January or February, where such effects are measurable and significant.

Prior adjustment may be used where series are subject to abrupt discontinuities affecting the seasonal pattern or the trend, or exceptionally large irregular movements where they would, if not allowed for in the seasonal analysis, adversely influence the estimation of seasonal factors, at least for periods immediately preceding and following such influences. Greater detail on the methods used is given in Appendix E of *Seasonally Adjusted Indicators* 1978. This technique is used in this way only in cases of discontinuities or irregularities of a magnitude larger than may be handled satisfactorily by the graduated treatment of extreme values performed by the X-11 programs (see (d) above) and then only when the nature of the disturbance is understood and its magnitude known sufficiently accurately. Prior adjustment factors may be estimated by statistical comparison of data before and after the change or on the basis of supplementary information if available. These prior adjustment factors are applied in cases of discontinuities to the figures for months or quarters preceding the discontinuity, to align their seasonal pattern or trend with that of subsequent original figures; and in the case of exceptional irregular movements, to the months or quarters affected to align their figures with original figures for preceding and succeeding periods. Seasonal adjustment factors are then derived for the prior adjusted series, and are thus unaffected by the discontinuity or irregularity so allowed for. As is evident from the manner described below of effecting seasonal adjustment, it is relatively insensitive to the magnitude of the prior adjustment factors used. Such cases in which use is made of prior adjustment are:

- (iv) *Abrupt changes in seasonal pattern*, for instance those affecting several production series following the extension of statutory annual leave in October 1963. In this case, prior adjustment factors are combined with the seasonal adjustment factors derived from the prior adjusted series to yield combined factors by which the original figures are seasonally adjusted. This technique cannot reasonably be applied at the time of the change in seasonal pattern, but only some years after the event when the magnitude and persistence of the discontinuity is established.
- (v) *Abrupt trend discontinuities*, which can arise from a change in the concepts, definitions or coverage of a statistical series, as for instance in seasonally adjusting quarterly retail sales at constant prices, breaks in which occur owing to changes of base year. Seasonal factors derived from the prior adjusted series are applied directly to the original series to yield a seasonally adjusted series which fully reflects the trend discontinuity. This technique is particularly useful where the discontinuity affects the most recent months or quarters of a series, as without it satisfactory seasonal adjustment may not be possible. In this case, however, a pre-requisite is a satisfactory estimate of the magnitude of the trend discontinuity.
- (vi) *Exceptionally large irregular movements*, which might result from a severe industrial dispute or similar exceptional events. As in the case of trend discontinuity, seasonal adjustment factors derived from the prior adjusted series are applied to the original series, so that the effects of the exceptional movement are fully reflected in the seasonally adjusted series. This technique is only applied retrospectively.

17. In the interpretation of seasonally adjusted series, the application of standard options may be taken largely for granted by users of seasonally adjusted series as being technical in nature. These are the options concerning multiplicative or additive adjustment, the variable trend-cycle curve routine, the seasonal factor curve routine and the graduated treatment of extremes. Users should take note of whether use has been made of trading-day adjustments, prior adjustments for any purposes, and adjustment for severe industrial disputes. This is important as their application can markedly affect the results obtained and the interpretation to be placed on them.

18. Except where the series have been adjusted aggregatively (see below), the particular program options employed in the adjustment of series published by this Bureau are set out in Table 1, Appendix C, 'Methods of Adjustment Employed'.



## APPENDIX A – continued

## AGGREGATIVE SEASONAL ADJUSTMENT

19. The foregoing account of the application of the X-11 programs applies to the adjustment of a series as it stands, that is, the *direct adjustment* of the original series. Alternatively it is possible to adjust an aggregate series by seasonally adjusting a number of its components and adding up the results. In cases where the component series exhibit markedly different trends and seasonal patterns, *aggregative adjustment* may be preferred to direct adjustment. However numerous empirical studies made to date mostly suggest that little difference is discernible in the effectiveness of direct and aggregative adjustment. As direct adjustment is simpler in operation, its use is to be favoured generally unless the results are recognisably inferior to those of an alternative aggregative adjustment.

20. It should be noted in this regard that certain series (e.g. those relating to civilian labour force, retail sales, value of work done on new buildings and actual new capital expenditure) included in this bulletin appear both as components and aggregates. Following the approach mentioned in the previous paragraph, each of these series has been adjusted independently. This means that while the unadjusted components add to the totals, the adjusted components may not add to the adjusted totals. The differences are generally not large, in comparison with the month-to-month variability of the seasonally adjusted series.

21. Most of the seasonally adjusted series for principal aggregates in the national accounts and balance of payments have been obtained aggregatively, that is, by adding or subtracting seasonally adjusted component series. Besides retaining, as far as possible, the essential accounting relationships, the aggregative approach is needed because many of the aggregates include components having different characteristics, and requiring different methods of adjustment. The balances in the balance of payments have been adjusted by differencing two seasonally adjusted totals. While this maintains the accounting relationships particular caution should be exercised in analysing the results because they could contain irregular fluctuations somewhat larger than those appearing in the individual series being differenced.

22. In addition to the principal aggregates in the national accounts and balance of payments, aggregative adjustment is employed in seasonally adjusting certain series which are comprised of disparate components (e.g. civilian employees and registered vacancies). Where series have been adjusted aggregatively, details of the methods used are presented in Table 2 in Appendix C.

## SUMMARY MEASURES

23. The X-11 programs provide a large range of statistical measures, tests of significance and graphs which may be used in the choice of program options. Some of the summary measures help the user to interpret the results by giving an indication of the relative magnitude of the seasonal effects which have been removed from the series, and a guide as to how much of the variability of the series is due to trend and irregular elements. Some of the more important and easily interpreted summary measures for each of the series published by this Bureau are given in Appendix D, 'Measures of Variability'.

24. The summary measures given in Appendix D are the average percentage change from month-to-month (without regard to sign) in the original, seasonally adjusted, trend and irregular series, in the seasonal factors, and in the trading-day adjustments where these have been made. These measures, in effect, show the relative importance of each of these influences in the average variability of the series from month-to-month. For seasonal factors, the average percentage change from year-to-year (without regard to sign) is also given. This shows the average rate at which the seasonal pattern is estimated to have been changing from year-to-year. Included also are measures called *Months for Cyclical Dominance* (MCD) and *Quarters for Cyclical Dominance* (QCD). These are measures obtained by calculating the average percentage change (without regard to sign) in the trend and irregular components over successively longer time spans. That is, the average percentage change (without regard to sign) is first calculated over observations one month (quarter) apart, then two months (quarters) apart and so on. The MCD (QCD) is the shortest span of months (quarters) it takes for the average percentage change (without regard to sign) in the trend to exceed that in the irregular. Where that span is six months (four quarters) or greater the MCD (QCD) is recorded as six (four). The MCD (QCD) gives a broad indication of the relative importance of the trend component compared with the irregular and indicates over what span a movement in the seasonally adjusted series is likely to be attributable to movement in the trend rather than in the irregular. All of these measures of variability are averages over the whole length of the series and may quite well be unrepresentative of the current time period. Caution should therefore be exercised, particularly with the MCD (QCD) which is likely to be underestimated for the more recent observations.

25. The measures of variability relating to the original, seasonally adjusted and trend series exclude the effects



## APPENDIX A — continued

of abrupt changes in the level for which prior adjustments have been made. The summary measures for the seasonal factors do not include any prior adjustments, such as those for Easter, Australia Day or for abrupt changes in the seasonal pattern. Exclusion of the latter means that summary measures for the seasonal factors reflect only the seasonal behaviour after the last abrupt change in seasonal pattern.

26. The measures of variability given in Appendix D serve to give some indication of whether a movement in a seasonally adjusted series is attributable to influences beyond the normal irregular variation and normal changes in the seasonal pattern. It is, however, to be borne in mind that measures of the month-to-month and year-to-year change given in Appendix D are averages; changes for the individual months and years may be considerably larger or smaller than the averages shown.

## REVISIONS TO SEASONAL FACTORS

27. It is necessary to revise seasonally adjusted statistics from time to time. This is necessary not only because of amendments in the original series, but because the adjusted series is changed every time the computer analysis is repeated to bring in another year's figures. This means revision of the whole seasonally adjusted series, although the changes in early years would be expected to be minor. The fact that seasonally adjusted series will be revised every time the computer absorbs another year's data is inherent in the nature of the X-11 program and, in fact, all complex programs of this kind. In effect, the new data provide further observations upon which estimates of trend, seasonal factors and limits for identifying extreme values are based. The latter estimates, presumably the more accurate, can generally be expected to differ somewhat from earlier ones based upon less recent original data.

28. As a rough rule of thumb, derived from Australian monthly series analysed to date, the average of the differences for the most recent common year, between successive revisions in the seasonally adjusted monthly series, can be expected to be approximately one-half the average percentage change from month-to-month in the irregular series (given in Appendix D), but this can be expected to fall to about one-fifth of the average percentage change from month-to-month for years four or more earlier. Comparable revisions to quarterly series can be expected.

29. In the seasonally adjusted figures for some individual months, however, some revisions may be considerably larger (or smaller) than those suggested by this rule of thumb. The tendency to larger revisions is most marked for months affected by large changes in trend or seasonal pattern. As might be expected, the tendency of successive revisions is generally to 'smooth out' fluctuations appearing in the initial seasonally adjusted series.

## NATIONAL ACCOUNTS SERIES

30. This bulletin includes a selection of the seasonally adjusted series published in *Quarterly Estimates of National Income and Expenditure*. Owing to the difficulty of obtaining the necessary up-to-date and detailed data, much of the current information used in preparing the original figures of Quarterly Estimates of National Income and Expenditure is usually of an approximate nature and is subject to revision as more complete and accurate information comes to hand. Consequently, both the original and seasonally adjusted series are subject to frequent amendments. As mentioned above in Paragraph 21 most of these series of seasonally adjusted national accounting aggregates have been derived using aggregative methods, that is, as the sum of seasonally adjusted component series rather than by direct adjustment of the aggregate series. Also, since some of the series are not amendable to the usual methods of seasonal adjustment, special methods of adjustment have been used in some cases. A description of the methods of adjustment employed is given in Appendix C. Similar comments apply to the series comprising the balance of payments current account.

## LIMITATIONS OF SEASONALLY ADJUSTED STATISTICS

31. Despite their versatility, the X-11 programs rely essentially upon the logic of the simple classical methods described earlier. Although they overcome many of the shortcomings of simpler methods, they are subject to the same basic limitations of all such methods. Of these, the most important limitation stems from the inherent impossibility of defining precisely the trend, seasonal and irregular components (at least for statistics relating to economic and social phenomena) except in terms of estimates obtained by a particular method. Consequently, no objective assessment of reliability may be made for any such methods, and comparisons of results obtained by alternative procedures must always involve an element of judgment.



APPENDIX A – *continued*

32. A further limitation derives from a fundamental assumption underlying seasonal analysis and adjustment techniques. It is assumed implicitly that while trends and seasonal patterns underlying the series may change, such changes are not abrupt. The X-11 programs, and in fact all seasonal adjustment programs yet developed, tend to yield recognisably unsatisfactory results where an abrupt change affects the seasonal pattern of a series.

33. The optional alternative procedures allowed by the X-11 programs provide some means for overcoming problems of this kind. However, the remedies provided by the X-11 program are available only some time after the change has occurred. It is impossible in most cases to recognise and assess changes in seasonality at the time they occur. The seasonal analysis alone cannot indicate whether an unexpected movement appearing in current seasonally adjusted figures denotes a variation in trend, or an unusual (irregular) effect, or whether it is due to an abrupt change in seasonality.

34. Furthermore, it is to be borne in mind that by using alternative program options or differing time spans of data, the X-11 programs will yield results which may differ markedly from each other. As implied above, it is sometimes by no means easy to decide which of some feasible options should be employed. Although technically the minimum time span required for X-11 seasonal adjustment is three years, it is usual practice for publication not to commence until at least four or five years figures are available. The reason for this is the inherent difficulty in estimating with a sufficient degree of confidence the trend, seasonal and irregular components over very short time periods. For quite irregular series longer periods are required for satisfactory adjustments.

35. For all of these reasons, it would be neither reasonable nor prudent to regard seasonally adjusted series as in any way 'definitive'. They must be treated with caution as being no more than useful indicators of movements. They can without doubt be a useful aid to critical interpretation, but can in no way be a substitute for it.

## PRESENTATION OF SEASONALLY ADJUSTED STATISTICS

36. So that the most recent statistics may be seen in ample context, the series given in this bulletin, where possible, cover a span of about fifteen years. As in previous issues, the statistical series in this bulletin are presented as originally compiled and as seasonally adjusted, both as tables and in graphical form on charts of natural (arithmetic) scales. In addition, a selection of seasonally adjusted series is presented on semi-logarithmic charts to facilitate comparison of rates of growth of series of differing magnitude.

37. Additional information, beyond that appearing with the figures for each series, is given in Appendix B under 'Explanatory Notes' and in the publications listed in Appendix B.

38. Further seasonally adjusted figures for each of these series will be published, as they become available, in the relevant current publications of the Australian Bureau of Statistics and other authorities as shown in Appendix B.

39. Seasonally adjusted Australian series which are published by this Bureau, but not included in this bulletin, are also listed in Appendixes C and D together with details of the methods of adjustment used and selected measures of variability. Also included in these Appendixes are the details of the methods and measures for seasonally adjusted State Series where these are published for all States.

40. The data tables and graphs presented in this bulletin have been reproduced from computer output produced by means of the 'Time Series System' developed by the Bureau. This is a computer system which incorporates, in addition to the basic X-11 and X-11Q seasonal analysis programs, a range of programs and facilities for the manipulation, analysis and tabulation of time series data together with associated storage, maintenance and retrieval operations. On-line storage facilities enable rapid access to data. Original and seasonally adjusted series stored on this system are available on request. Information is provided on magnetic tape and is subject to a charge.



## APPENDIX B

## EXPLANATORY NOTES AND PUBLICATIONS FOR FURTHER REFERENCE

The notes below provide further information on the nature of the *series published in this bulletin* and references to publications for further details. The publications referred to are, with few exceptions, those monthly and quarterly statements of the Bureau in which subsequent seasonally adjusted figures are to be published.

Subsequent seasonally adjusted figures for most series will also be included in the *Monthly Review of Business Statistics* (1304.0) and a selection will be included in the *Digest of Current Economic Statistics* (1305.0).

<i>Series description</i>	<i>Page</i>	<i>Explanatory notes and Bureau publication catalogue numbers*</i>
<b>PRODUCTION —</b>		
Black coal	26	(8404.0)
Electricity	27	Total generated, including electricity not for sale. (8301.0; 8357.0)
Gas	28	Available for issue through mains; from July 1969 includes natural gas. (8301.0; 8357.0)
Raw steel	29	Includes recovery from scrap and from November 1967 continuous cast billets. (8301.0; 8364.0)
Cement	30	Portland cement. (8301.0; 8361.0)
Clay bricks	31	(8301.0; 8361.0)
Motor vehicles	32	Cars, station wagons, utilities, panel vans, trucks and truck type vehicles, omnibuses and ambulances. Includes vehicles which are disposed of by the manufacturer in a partly finished state. Before July 1963 the series related to the production of motor vehicle bodies assembled from local and imported panels. (8301.0; 8363.0)
Electric motors under 720W	33	Includes those made and incorporated by manufacturers in their own products. (8301.0; 8357.0)
Domestic refrigerators	34	Electric. (8301.0; 8357.0)
Television sets	35	Includes combination with radio, etc. From September 1974, includes production of colour television sets. (8301.0; 8357.0)
Floor coverings	36	Includes smooth surfaced and embossed as well as textile based coverings. (8301.0; 8360.0)
Cotton woven cloth	37	Cotton woven cloth (including mixtures predominantly of cotton) over 30cm wide. (8301.0; 8360.0)
Synthetic fibre woven cloth	38	Synthetic fibre cloth (including mixtures predominantly of synthetic fibre) over 30 cm wide. (8301.0; 8360.0)
Beer	39	From July 1961 to June 1968, monthly production figures, include waste beer. All other figures exclude waste beer. (8301.0; 8359.0)
Tobacco and cigarettes	40	Source of original data : Department of Business and Consumer Affairs from July 1968. Before July 1971 it included cigars. (8301.0; 8359.0)

\* See page 167 for key.



## APPENDIX B – continued

<i>Series description</i>	<i>Page</i>	<i>Explanatory notes and Bureau publication catalogue numbers*</i>
<b>PRODUCTION – contd</b>		
Confectionery	41	Excludes chocolate sold for further manufacturing purposes. (8301.0; 8359.0)
Total meat	42	Production is in terms of fresh meat for human consumption (carcass weight) and includes estimates of meat from animals slaughtered on farms and by country butchers. (7204.0; 7205.0; 7206.0)
Whole milk	43	Includes whole milk used for factory butter, non-processed cheese and processed milk products, as well as milk for other purposes (principally fluid milk for domestic purposes). (7208.0; 7209.0)
<b>OVERSEAS TRANSACTIONS – Recorded Trade –</b>		
Total exports	44	The total value of exports recorded in the month. Exports are valued at the f.o.b. Australian port of shipment equivalent of the actual price paid to the exporter. Goods shipped on consignment are valued on the basis of current prices offering for similar goods of Australian origin in the country to which they are consigned. (5401.0; 5404.0)
Total imports	45	The total value of imports recorded in the month. Recorded value is the value for duty for Customs purposes. On 1 July 1976, Australia adopted the internationally recognised Brussels Definition of Value (BDV) on a free-on-board (f.o.b.) basis (i.e. charges and expenses involved in delivering the goods from the place of exportation to the place of introduction in Australia, are excluded). The value for duty is based on the normal price i.e. the price the goods would fetch at the time when duty becomes payable on a sale in the open market between a buyer and a seller independent of each other. In practice, the basis for valuation is generally taken to be the invoice price subject to certain safeguards and adjustments where necessary. Because of the change in the basis of valuation, the recorded imports figures for periods prior to July 1976 have been adjusted to make them comparable with the figures on the new basis of valuation for July 1976 onwards. (5401.0; 5406.0)
<b>Exports and Imports of Merchandise at Average 1974-75 Prices –</b>		
Exports of merchandise	46	These estimates are compiled on the basis of recorded statistics of merchandise trade within the framework of the Australian Export Commodity Classification and the Australian Import Commodity Classification. In concept, the constant price estimates may be thought of as being derived by expressing the value of each component transaction as the product of a quantity and a price, and then substituting for each current period price the average price of the corresponding item in the base year. The total value of exports or imports expressed at average base year (1974-75) prices, is then obtained by summing these items. From 1 July 1976 a new system was introduced for valuing imports. It has been estimated that if the previous basis of valuation had been continued the current price values of total imports would have been about 2% higher than the recorded values on the new basis. The estimates at average 1974-75 prices are affected to a lesser extent. (5421.0)
Imports of merchandise	47	

\* See page 167 for key.



## APPENDIX B — continued

Series description	Page	Explanatory notes and Bureau publication catalogue numbers*
<b>OVERSEAS TRANSACTIONS — contd</b>		
Balance of Payments, Current		
Account —		
Balance of Trade	48	<p>The difference between recorded exports f.o.b. and recorded imports f.o.b., after adjustments have been made for balance of payment purposes. For recorded exports and imports coverage, adjustments are made mainly to exclude transactions where no change of ownership occurs between residents and non-residents of Australia and to include certain transactions where ownership changes but customs entries are not required. In addition, timing adjustments are made to recorded imports to take account of identified differences between the recording of shipment or delivery and the actual time ownership changes.</p> <p>For balance of payments purposes imports are valued at f.o.b. transactions value which differs from the value for duty used in recorded imports. Prior to July 1976 an estimated valuation adjustment was applied but since that date the f.o.b. transactions value has been obtained directly from source data. (5302.0)</p>
Invisible credits	49	<p><i>Invisible credits</i> represent the sale by Australian residents of services to non-residents, property income payments or transfers in cash or kind from non-residents to Australians. (5302.0)</p>
Invisible debits	50	<p><i>Invisible debits</i> represent purchases of services by Australians from non-residents, property income payments or transfers in cash or kind by Australians to non-residents. (5302.0)</p>
Balance of current account	51	<p>The <i>balance on current account</i> is the <i>balance of trade</i> plus <i>invisible credits</i> less <i>invisible debits</i>. (5302.0)</p>
<b>International Liquidity —</b>		
Official reserve assets	52	<p>Australia's official reserve assets include gold, holdings of Special Drawing Rights issued by the International Monetary Fund, reserve position in the IMF and foreign exchange. Gold is valued at the Reserve Bank buying price up to the end of January 1976; from February 1976 to end May 1976 gold is valued at the IMF official price in SDRs converted to Australian dollars at the derived SDR/\$A rate; subsequently the basis of valuation is the average London gold price for the month, converted to Australian dollars at the market rate of exchange applying on the last day of the month. Up to June 1974, SDRs, Australia's reserve position in the IMF and IMF credit tranche are valued on the basis of Australia's official parity established with the IMF; subsequent figures are based on the IMF basket valuation (in US dollars) for the SDR and converted at the representative rate to Australian dollars. Since June 1973, the foreign currency value of all other overseas assets has been based, where applicable, on market quotations; accrued interest is normally taken into account; figures for earlier periods are on a historical cost basis. Conversion to Australian dollar equivalent is based on market rates of exchange. (a) (1304.0; 1305.0)</p>

(a) Source of original data: Reserve Bank of Australia *Statistical Bulletin*.

\* See page 167 for key.



## APPENDIX B – continued

Series description	Page	Explanatory notes and Bureau publication catalogue numbers*
<b>EMPLOYMENT AND LABOUR</b>		
<b>Employed Persons –</b>		
Males	58	<p>Estimates are based on the results of a population survey which is based on a multi-stage area sample of private dwellings (about 30,000 houses, flats, etc.) and non-private dwellings (hotels, motels, etc.), and covers about two-thirds of one per cent of the population of Australia. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The surveys were conducted quarterly until February 1978 and monthly thereafter. The interviews for monthly surveys are generally conducted during the two weeks beginning on the Monday between the 6th and 12th of each month; the information obtained relating to the week prior to the interview (i.e. the survey week). The survey estimates for February 1978 and subsequent months are based on revised population estimates derived from the results of the 1976 Population Census and were obtained by using a new sample and revised questionnaire. Survey estimates for August 1966 to November 1977 have been revised in order to provide a series as comparable as possible with the February 1978 estimates. Estimates for periods earlier than August 1966 will not be revised. When comparing estimates for February 1978 and subsequent months with those for earlier periods it should be noted that with the introduction of monthly surveys the interviews are now conducted during a two-week period, whereas formerly the period was four weeks. This change of timing may affect the level of the figures for any month, but particularly for months during which the employment status of the population may be changing rapidly.</p> <p>The estimates relate to all persons aged 15 years and over, except members of the permanent defence forces, certain diplomatic personnel of overseas governments customarily excluded from census and estimated populations, non-Australians on tour or holidaying in Australia and members of non-Australian defence forces (and their dependants) stationed in Australia. <i>Employed persons</i> comprise all those aged 15 years and over who, during the survey week:</p> <ol style="list-style-type: none"> <li>worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (including employees, employers and self-employed persons), or</li> <li>worked for 15 hours or more without pay in a family business or on a farm (i.e. unpaid family helper), or</li> <li>were employees who had a job but were not at work, and were on paid leave; on leave without pay for less than four weeks up to the end of the survey week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the survey week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study, or</li> <li>were employers or self-employed persons who had a job, business or farm, but were not at work.</li> </ol> <p>(6202.0; 6203.0; 6204.0)</p>
Females	59	
Persons	60	
<b>Civilian Labour Force –</b>		
Males	53	<p>The <i>labour force</i> comprises all persons who, during the survey week, were employed or unemployed. (6202.0; 6203.0; 6204.0)</p>
Females	54	
Persons	55	
Participation rate – Males	56	<p>The <i>labour force participation rate</i> for any group is the labour force expressed as a percentage of the civilian population aged 15 years and over in the same group. (6202.0; 6203.0; 6204.0)</p>
Participation rate – Females	57	

\* See page 167 for key.



## APPENDIX B – continued

Series description	Page	Explanatory notes and Bureau publication catalogue numbers*
<b>EMPLOYMENT AND LABOUR – contd</b>		
Civilian Employees –		
Males	61	<p>Original data, except those relating to government employees, are based on benchmarks derived mainly from the population censuses of June 1954, 1961 and 1966. Benchmarks for June 1971 were established by analysing data from the 1971 population census and other relevant sources such as special returns from government bodies and the Bureau's economic censuses and surveys. Estimates for other months are derived from current pay-roll tax returns, returns of government employment, some other direct returns of employment, and estimates of the number of employees not covered by these collections. Defence forces and employees in agriculture and private households employing staff are excluded.</p> <p>The figures for government employees include all civilian employees, within Australia, of government bodies (Australian, State, local and semi-government) in services such as railways, road transport, banks, postal and telecommunication, air transport, education (including universities, colleges of advanced education, etc.), radio, television, police, public works, factories, marketing authorities, public hospitals (other than those run by charitable or religious organisations) and departmental hospitals and institutions, etc.</p> <p>The figures relate only to civilian wage and salary earners, not the total labour force. They therefore exclude employers, self-employed persons, unpaid helpers and the unemployed.</p> <p>Three series of estimates are shown, the first covering the period to June 1966, the second the period from June 1966, and the third from June 1971. The census definitions at the 1954 and 1961 censuses were such that a person's labour force status tended to be determined according to his major activity, and therefore many part-time employees were classified as not employed. At the 1966 and 1971 censuses, labour force status was based on a person's actual activity during a specified week. As a result the last two series of estimates are at higher levels than the 1954 to 1966 estimates overall. From June 1971 onwards, the <i>Australian Standard Industrial Classification</i> has been used. This industry classification is not directly comparable with those adopted for population censuses before 1971 and used in estimates of civilian employees for that period.</p> <p>At the 1971 Population Census trainee teachers were for the first time classified as not in the labour force. They have been excluded from estimates of employed wage and salary earners for the period from June 1971, the numbers of males and females excluded in June being approximately 7,000 and 17,000 respectively.</p> <p>From June 1971 employees of non-departmental "public" or "board" hospitals (other than those run by religious or charitable organisations) and employees of all marketing authorities or boards (other than those which are purely growers' or producers' co-operatives) are included in estimates of government employment. Previously, these employees were included in estimates of private employment. The effect of the change is to add approximately 114,000 persons to government employment estimates at June 1971.</p> <p>April 1973 held an unusual holiday period because Anzac Day fell two days after Easter Monday. This feature is thought to have had a depressing effect on the expansion of employment in the last pay-period of April and, by postponement, to have reinforced expansion in May. Such an effect remains in the seasonally adjusted as well as the original figures. (6212.0; 6213.0)</p>
Females	62	
Persons	63	
Private – Persons	64	
Government – Persons	65	
Construction – Persons	66	
Manufacturing – Persons	67	
Wholesale and retail trade – Persons	68	
Transport and storage – Persons	69	
Finance, insurance, real estate and business services – Persons	70	

\* See page 167 for key.



## APPENDIX B – continued

Series description	Page	Explanatory notes and Bureau publication catalogue numbers*
<b>EMPLOYMENT AND LABOUR – contd</b>		
<b>Job Vacancies Registered –</b>		
Adult	71	The figures comprise all job vacancies notified to the C.E.S. which were still unfilled at the Friday nearest the end of the month and which employers claimed could be filled if labour were supplied immediately or within the following month. Vacancies for full-time, part-time, permanent, temporary, and seasonal positions are included. Separate statistics of vacancies for school leavers are not available as employers, when notifying vacancies, rarely distinguish between school leavers and other juniors. Juniors comprise all persons under 21 years, including school leavers. (b) (6213.0)
Juniors	72	
Total	73	
<b>Factory Overtime</b>	74	Results obtained from a survey of overtime worked in a number of larger private factories throughout Australia. (b)
<b>WAGES AND SALARIES –</b>		
Average weekly earnings per employed male unit	75	<p>The estimates are derived from particulars of employment and wages and salaries recorded on pay-roll tax returns, from other direct collections and from estimates of the unrecorded balance. The figures relate to civilians only. In addition to salary and wage payments at award rates they include earnings of employees not covered by awards, overtime earnings, over-award and bonus payments, payments made in advance or retrospectively during the periods specified, etc.</p> <p>Because particulars of wages and salaries paid are not available for males and females separately from the sources used for this series, average weekly earnings have been calculated in terms of male units, i.e. total male employees plus a proportion of female employees, the proportion being derived from the estimated ratio of female to male average earnings.</p> <p>As the number of male units used in calculating average weekly earnings for Australia is the sum of the estimates for the States, a separate ratio of female to male average earnings for Australia as a whole is not used. The weighted average of the State ratios has increased from approximately 52.5 per cent in September quarter 1966 to approximately 67.0 per cent in December quarter 1978. (6302.0)</p>
<b>INTERNAL TRADE –</b>		
<b>Quarterly Retail Sales at</b>		
<b>Current Prices –</b>		
Food and drink	76	The figures relate to retail sales of goods (as distinct from services, repairs, accommodation, entertainment, meals, etc.) to final consumers for personal and household consumption by retail and selected service establishments. Hotels are included in respect of goods sold. The figures up to September quarter 1972 are on a basis comparable with the 1961-62 Census of Retail Establishments. From December quarter 1972 to June quarter 1975 the figures are on a basis comparable with the 1968-69 Census of Retail Establishments. From September quarter 1975 the figures are on a basis comparable with the 1973-74 Census of Retail Establishments. (8502.0; 8503.0)
Clothing, hardware, electrical, etc.	78	
All other goods (excl. motor vehicles, parts, petrol, etc.)	80	
All items (excl. motor vehicles, parts, petrol, etc.)	82	

(b) Source of original data : Department of Employment and Youth Affairs *Monthly Review of the Employment Situation* (also includes seasonally adjusted data).

\* See page 167 for key.



## APPENDIX B — continued

<i>Series description</i>	<i>Page</i>	<i>Explanatory notes and Bureau publication catalogue numbers*</i>
<b>INTERNAL TRADE — contd</b>		
<b>Quarterly Retail Sales at Constant Prices —</b>		
Food and drink	77	These estimates show the values of the main aggregates of quarterly retail sales revalued in such a way that the direct effects of price changes, which have occurred in the periods under review, have been removed. In concept, they may be thought of as being derived by expressing the value of every component commodity as the product of a price and a quantity, and then by substituting for each actual current price the corresponding average price in the base year. It is not possible, in practice, to use this method of revaluation because data on the quantities of retail commodities sold are not obtained in the Quarterly Survey of Retail Establishments. The method adopted is to use independently constructed composite price indexes to effect the revaluation. Aggregates at constant prices are then obtained by summation. The estimates up to June quarter 1975 are at average 1968-69 prices. From September quarter 1975 they are at average 1974-75 prices. (8502.0; 8503.0)
Clothing, hardware, electrical, etc.	79	
All other goods (excl. motor vehicles, parts, petrol, etc.)	81	
All items (excl. motor vehicles, parts, petrol, etc.)	83	
<b>Monthly Retail Sales —</b>		
All items (excl. motor vehicles, parts, petrol, etc.)	84	The figures relate to retail sales of goods (as distinct from services, repairs, accommodation, entertainment, meals, etc.) to final consumers for personal and household consumption by retail and selected service establishments. Hotels are included in respect of goods sold. Sales of motor vehicles, parts, petrol, etc. are excluded. Goods sold direct from farms are also excluded. The figures up to June 1969 are on a basis comparable with the 1961-62 Census of Retail Establishments. From July 1969 to March 1976 the figures are on a basis comparable with the 1968-69 Census of Retail Establishments. From April 1976 the figures are on a basis comparable with the 1973-74 Census of Retail Establishments. (8501.0)
<b>Registrations of New Motor Vehicles —</b>		
Cars and station wagons	85	Registrations processed by the motor vehicle registration authorities in the States and Territories during the period. The figures include new Australian Government-owned vehicles other than those belonging to the defence services but exclude motor cycles, tractors, trailers, caravans, plant and equipment. (9301.0; 9303.0; 9304.0)
Other vehicles	86	
Total	87	
<b>BUILDING, ETC. —</b>		
<b>Building Approved —</b>		
Number of new private dwellings approved	88	Building permits issued by local government authorities and contracts let, and day labour projects authorised by government authorities.
Value of total buildings approved	89	Number of new dwellings relates to individual living units. Values exclude the value of land and represent the estimated value of buildings on completion. From July 1973 all dwelling statistics exclude alterations and additions, but those valued at \$10,000 and over (previously \$2,000) continue to be included in the statistics for other building and total building. From July 1975 approval statistics for new dwellings include all new dwellings (previously those valued greater than \$2,000) and for new other building include new other building valued at \$10,000 and over (previously \$2,000) together with alterations and additions (to other building) valued at \$10,000 or more. With these changes the scope of the building approvals and building operations statistics are now identical. (8702.0; 8703.0; 8705.0)

\* See page 167 for key.



## APPENDIX B — continued

Series description	Page	Explanatory notes and Bureau publication catalogue numbers*
<b>BUILDING ETC. — contd</b>		
<b>Building Commenced —</b>		
Number of new private dwellings commenced	90	Compiled from returns obtained from building contractors engaged in the erection of new buildings, owner builders and government authorities.
Value of —		
Total new dwellings commenced	91	Number of dwellings relates to individual living units. Values exclude the value of land and represent the estimated value of buildings on completion.
Other building commenced	92	(8703.0; 8705.0)
Total building commenced	93	From July 1966, value series include alterations and/or additions of \$10,000 and over. Before July 1966, major additions were included for all States but major alterations were included for New South Wales only. From July 1973 all dwelling statistics exclude alterations and additions, but they continue to be included in statistics for other building and total building.
<b>Building Completed —</b>		
Number of new private dwellings completed	94	
<b>Value of Work Done on —</b>		
Total new dwellings	95	
Other buildings	96	
Total buildings	97	
<b>New Capital Expenditure by Private Enterprises —</b>		
New buildings and structures	98	Statistics to September quarter 1973 are derived from returns obtained from private businesses subject to pay-roll tax (other than rural, professional, gas and electricity), from government banks and airlines, and from other businesses not subject to pay-roll tax undertaking projects of more than \$500,000 in any half-year.
Other new capital equipment	99	
Mining	100	
Manufacturing	101	
Finance, insurance, real estate and business services	102	From December quarter 1973, statistics are derived from a sample of private business enterprises recorded on the Bureau's Central Integrated Register of business units engaged in economic activity in Australia other than enterprises engaged primarily in rural, construction and community service activities. The survey now includes businesses not subject to pay-roll tax and expenditure on assets purchased by one enterprise for leasing to another enterprise. All government enterprises are now outside the scope of the survey. (5625.0; 5626.0)
Other industries	103	
Total new capital expenditure	104	
<b>Expected New Capital Expenditure by Private Enterprises —</b>		
Total	105	Expected by individual businesses at the beginning of the period. The statistics are derived from the survey used to estimate actual capital expenditure described above. (5626.0)
<b>Mineral Exploration (Other than for Petroleum) —</b>		
Expenditure by Principal Enterprises	106	Details of expenditure are collected only from the <i>principal enterprises</i> undertaking exploration activity. For any quarter these comprise all governmental authorities engaged in mineral exploration, and those private enterprises whose <i>annual</i> expenditure on mineral exploration activity is expected to exceed a certain amount (currently \$130,000). <i>Exploration</i> consists of the search for, and/or appraisal of, new ore occurrences and known deposits of minerals by geological, geophysical, geochemical and other exploration methods (including drilling). This includes construction of shafts and adits primarily for exploration purposes but excludes mine development activities. Exploration for water is excluded. <i>Exploration expenditure</i> includes expenditure on aerial surveys, general surveys, report writing, map preparation and other activities indirectly attributable to exploration. (8408.0)

\* See page 167 for key.



## APPENDIX B – continued

<i>Series description</i>	<i>Page</i>	<i>Explanatory notes and Bureau publication catalogue numbers*</i>
<b>FINANCE –</b>		
<b>Taxation Revenue –</b>		
Commonwealth and State Government consolidated revenue funds	107	Obtained from monthly statements of consolidated revenue and expenditure issued by the Commonwealth Treasury and State Treasuries. Excludes any taxation collections paid directly to trust funds. (1305.0)
<b>Volume of Money –</b>		
Definition M <sub>1</sub>	108	Includes notes and coin in hands of public plus current deposits with all trading banks. Series is average of weekly figures (reported as at each Wednesday) for the month. (c) (d)
Definition M <sub>3</sub>	109	Includes components of Definition M <sub>1</sub> plus other deposits of all trading banks (fixed deposits and certificates of deposit) and deposits with all savings banks. The deposits with all savings banks is the interpolated “weekly average” based on end-month figures. Trading bank components other than certificates of deposit, exclude Commonwealth and State government and inter-bank deposits, and include deposits of the public with the Reserve Bank. From June 1975 the figures reflect a change in accounting procedures by one savings bank. (c) (d) (5605.0)
<b>Savings Banks –</b>		
Depositors’ balances	110	Particulars for the Commonwealth Savings Bank, The State Savings Bank of Victoria, The Savings Bank of South Australia, The Rural and Industries Bank of Western Australia and The Hobart Savings Bank relate to the end of the month, those for The Launceston Bank for Savings to the last Monday in the month, and those for the other savings banks to the last Wednesday in the month. From June 1975 the figures reflect a change in accounting procedures by one bank. The series excludes external territories. (5602.0; 5605.0)
<b>Major Trading Banks –</b>		
Total Deposits	111	Major trading banks comprise the Commonwealth Trading Bank, Australia and New Zealand Banking Group Ltd, The Bank of Adelaide, Bank of New South Wales, The Commercial Bank of Australia Ltd, The Commercial Banking Company of Sydney Ltd, The National Bank of Australasia Ltd. Figures are the average of weekly returns (usually reported as at each Wednesday) for the month. The series include external territories. (d) (5603.0; 5605.0)
Loans, advances and bills discounted	112	
New and increased lending commitments	113	Series comprises formal new and increased lending commitments for term loans, farm development loans, overdrafts, bridging finance, personal instalment loans and lease financing; commitments in respect of temporary advances to wool buyers are excluded. Caution needs to be exercised in interpreting the series particularly over short periods as the figures represent gross new lending commitments by banks and do not take into account commitments from earlier periods which have been cancelled or reduced. Figures are the weekly average for the period ending on the second Wednesday of the month. (d) (5605.0).

(c) Source of original data : Reserve Bank of Australia *Statistical Bulletin* (also includes seasonally adjusted data). (d) The *Banking Act* 1959 ceased to apply to Papua New Guinea from November 1973. All figures have been tabulated and graphed to exclude Papua New Guinea from July 1973, with the exception of notes and coin in the hand of the public.

\* See page 167 for key.



## APPENDIX B — continued

Series description	Page	Explanatory notes and Bureau publication catalogue numbers*
<b>FINANCE — contd</b>		
<b>Housing Finance for Owner Occupation, Loans Approved to Individuals for Construction or Purchase of Dwellings —</b>		
Construction of dwellings and purchase of newly erected dwellings —		These figures relate to secured finance approved by banks and permanent building societies to individuals for the construction of dwellings and purchase of newly erected dwellings, where those individuals will occupy the dwellings.
Number of dwelling units for which loans have been approved by —		A loan approved is a firm commitment to advance funds. Loans approved for amounts additional to loans previously approved are included. Number of dwelling units refers to the number of houses and other dwellings for which loans have been approved. If amounts additional to the original loan are approved to complete purchase or construction, the number of dwellings involved is not changed. Purchase of newly erected dwellings represents the purchases of dwellings which have been completed within a period of twelve months preceding the date of purchase where the purchaser is, or will be, the first occupant.
Savings banks	114	
Trading banks	115	
Permanent building societies	116	Figures from October 1975 are not strictly comparable with those for earlier months because as from that month
Total —		(a) approvals of alterations and additions estimated to cost \$10,000 or more (previously included) are excluded,
Value of loans approved by —		(b) purchase of dwellings not previously occupied was replaced with more precisely defined construction of dwellings and purchase of newly erected dwellings,
Savings banks	117	(c) approvals for savings and trading banks exclude any lending for commercial purposes (previously a small component was included),
Trading banks	118	(d) statistics for permanent building societies are based on a survey of major societies rather than a full census. The permanent building societies included in the survey are responsible for more than 99% of the lending of all permanent building societies, and
Permanent building societies	119	(e) data for trading banks prior to October 1975 were derived by the Reserve Bank.
		(5608.0; 5610.0)
<b>NATIONAL ACCOUNTS AT CURRENT PRICES —</b>		
<b>Gross Domestic Product —</b>		
Total	120	The total market value of goods and services produced in Australia within a given period after deduction of the cost of goods and services used up in the process of production, but before deducting allowances for the consumption of fixed capital. (5205.0; 5206.0)
Gross farm product	122	That part of gross domestic product arising from production in agriculture and services to agriculture.
Gross non-farm product	124	That part of gross domestic product arising from production in all industries other than agriculture and services to agriculture.
<b>Gross National Expenditure —</b>	126	Total expenditure within a period on final goods and services bought by Australian residents. (5205.0; 5206.0)

\* See page 167 for key.



## APPENDIX B – continued

<i>Series description</i>	<i>Page</i>	<i>Explanatory notes and Bureau publication catalogue numbers*</i>
<b>NATIONAL ACCOUNTS AT CURRENT PRICES – contd</b>		
<b>Final Consumption Expenditure – Private</b>	128	Expenditure on goods and services for consumption by persons and private non-profit organisations serving households. Includes personal expenditure on motor vehicles and other durable goods and the imputed rent of owner-occupied dwellings, but excludes purchases of dwellings. Also excludes consumer debt interest. (5205.0; 5206.0)
Government	130	Expenditure by public authorities (other than those classified as public enterprises) on wages, salaries and supplements, and on goods and services other than expenditures which result in the creation or the acquisition of fixed tangible assets or an increase in stocks. Charges for goods sold or services rendered are offset against purchases. Net expenditure overseas by general government bodies and purchases from public authorities are included. All expenditure on defence is classified as final consumption expenditure. (5205.0; 5206.0)
<b>Gross Fixed Capital Expenditure – Total</b>	132	Expenditure on fixed assets, whether for additions or replacements. This item includes expenditure on dwellings, other building and construction, vehicles, plant, machinery, etc., but excludes expenditure on fixed assets for defence purposes. It includes expenditure on second-hand assets, as well as new assets, less sales of existing assets. Expenditure on ordinary repair and maintenance is excluded. All expenditure on roads, including maintenance, however, is classified as capital expenditure. (5205.0; 5206.0)
Private	134	Expenditure on fixed assets, whether for additions or replacements. This item includes expenditure on second-hand assets as well as new assets, less sales of existing assets. Dwellings purchased by persons from public housing authorities are included in private capital expenditure.
Public	136	Expenditure on fixed assets, whether for additions or replacements, other than for defence purposes. Because it has been impossible to make a satisfactory dissection, all expenditure on roads, including maintenance, is classified as capital expenditure.
<b>Increase in Stocks – Private non-farm</b>	138	The increase in stocks held by private non-farm enterprises, obtained after adjusting the increase in book value of stocks by the stock valuation adjustment. (5205.0; 5206.0)
<b>Gross Operating Surplus – Trading Enterprises – Companies</b>	140	The operating surplus before deduction of depreciation provisions, dividends, interest, royalties and land rent, and direct taxes payable, but after deducting stock valuation adjustment, of all trading enterprises from operations in Australia. It is the excess of gross output over the sum of intermediate consumption, wages, salaries and supplements and indirect taxes less subsidies. <i>Gross operating surplus</i> includes third party motor vehicle and public risk insurance claims paid to persons in respect of policies taken out by enterprises. <i>Trading enterprises – other</i> includes public enterprises, partnerships, and sole proprietors engaged in the production of goods and services for sale. All dwellings are included whether let or occupied by the owner. (5205.0; 5206.0)
Other	141	

\* See page 167 for key.



## APPENDIX B — continued

Series description	Page	Explanatory notes and Bureau publication catalogue numbers*
<b>NATIONAL ACCOUNTS AT CURRENT PRICES — contd</b> Wages, Salaries and Supplements	142	Payments in the nature of wages and salaries, including allowances for income in kind (board and quarters, etc.), together with supplements to wages and pay and allowances of members of the forces. Supplements consist of employers' contributions to pension and superannuation funds, direct payments of pensions and retiring allowances, and amounts paid as workers' compensation for injuries. (5205.0; 5206.0)
Household Disposable Income	143	<i>Household income</i> less income tax paid by persons, estate and gift duties and all other taxes, fees for services of a regulatory character, fines and gifts paid by persons to general government, consumer debt interest and transfers to overseas. Household income is the total income whether in cash or kind, received by persons normally resident in Australia in return for productive activity (such as wages and supplements, incomes of unincorporated enterprises, etc.) and transfer incomes (such as cash social service benefits, interest, etc.). It includes the imputed interest of life offices and superannuation funds, which is the benefit accruing to policy holders and members from investment income of the funds. However, it excludes any income which might be said to accrue to persons in the form of undistributed company income. It also includes any property income received by non-profit organisations such as private schools, churches, charitable organisations, etc. (5205.0; 5206.0)
Household Saving	144	Derived as a balancing item as the difference between <i>household disposable income</i> and <i>private final consumption expenditure</i> . (5205.0; 5206.0)
Household Saving Ratio	145	The ratio of <i>household saving</i> to <i>household disposable income</i> . (5205.0; 5206.0)
<b>NATIONAL ACCOUNTS AT AVERAGE 1974-75 PRICES</b>		
Gross Domestic Product —		
Total	121	These estimates show the values of gross domestic product and some of its main aggregates revalued in such a way that the direct effects of price changes which have occurred over the periods under review have been removed. In concept, they may be thought of as being derived by expressing the value of every component transaction as the product of a price and a quantity, and then by substituting for each actual current price the corresponding average price for the base year 1974-75. Aggregates at average 1974-75 prices for each period are then obtained by summation. For many components it is not possible in practice to use this method of revaluation because quantity data are not available. The method adopted in these cases is to effect the revaluation by means of independently constructed composite price indexes. (5205.0; 5206.0; 5207.0)
Gross farm product	123	
Gross non-farm product	125	
Gross National Expenditure	127	
Final Consumption Expenditure —		
Private	129	
Government	131	
Gross Fixed Capital Expenditure —		
Total	133	
Private	135	
Public	137	
Increase in Stocks —		
Private non-farm	139	

\* See page 167 for key.



APPENDIX B – *continued*

## KEY TO BUREAU PUBLICATION CATALOGUE NUMBERS

<i>Catalogue No.</i>	<i>Title</i>
<b>General –</b>	
1304.0	Monthly Review of Business Statistics. (monthly)
1305.0	Digest of Current Economic Statistics. (monthly)
<b>National Accounts –</b>	
5205.0	Quarterly Estimates of National Income and Expenditure (Preliminary). (quarterly)
5206.0	Quarterly Estimates of National Income and Expenditure. (quarterly)
<b>Overseas Trade and Balance of Payments –</b>	
5302.0	Balance of Payments. (quarterly)
5401.0	Exports and Imports (Preliminary). (monthly)
5404.0	Exports. (monthly)
5406.0	Imports. (monthly)
5421.0	Exports and Imports of Merchandise at Constant Prices. (quarterly)
<b>Finance –</b>	
5602.0	Savings Banks (Preliminary). (monthly)
5603.0	Major Trading Banks (Preliminary). (monthly)
5605.0	Banking. (quarterly)
5608.0	Housing Finance for Owner Occupation, Savings Banks and Trading Banks. (monthly)
5610.0	Housing Finance for Owner Occupation, Permanent Building Societies. (monthly)
5625.0	New Capital Expenditure by Private Enterprises in Australia (Preliminary). (quarterly)
5626.0	New Capital Expenditure by Private Enterprises in Australia. (quarterly) (a)
<b>Labour, Wages and Employment –</b>	
6202.0	The Labour Force (Preliminary). (monthly)
6203.0	The Labour Force. (quarterly)
6204.0	The Labour Force. (annual)
6212.0	Employed Wage and Salary Earners : Australia (Preliminary). (monthly)
6213.0	Employment and Unemployment. (monthly)
6302.0	Average Weekly Earnings. (quarterly)
6312.0	Wage Rates. (monthly)
<b>Primary Industries –</b>	
7204.0	Meat Statistics. (monthly)
7205.0	Meat Statistics. (quarterly)
7206.0	Meat Statistics. (annual)
7208.0	Milk Statistics. (monthly)
7209.0	Dairying and Dairy Products. (annual)
8404.0	Minerals and Mineral Products. (monthly)
8408.0	Mineral Exploration (other than for petroleum) by Principal Enterprises, Australia. (quarterly)
<b>Secondary Industries –</b>	
8301.0	Production Statistics : Australia (Preliminary). (monthly)
	Production Bulletins (monthly) –
8357.0	No. 1 Electricity, Gas and Electrical Appliances.
8359.0	No. 3 Food, Drink and Tobacco.
8360.0	No. 4 Textiles, Bedding and Floor Coverings.
8361.0	No. 5 Building Materials and Fittings.
8363.0	No. 7 Motor Vehicles, Parts and Accessories.
8364.0	No. 8 Miscellaneous Products.

(a) June and December quarter issues contain, in addition, details of maintenance expenditure and details of expected new capital expenditure for the ensuing six months.



APPENDIX B — *continued*KEY TO BUREAU PUBLICATION CATALOGUE NUMBERS — *continued*

<i>Catalogue No.</i>	<i>Title</i>
<b>Retail Trade —</b>	
8501.0	Retail Sales of Goods : Australia (Provisional). (monthly)
8502.0	Retail Sales of Goods : Australia (Preliminary). (quarterly)
8503.0	Retail Sales of Goods. (quarterly)
<b>Building —</b>	
8702.0	Building Approvals : Australia. (monthly)
8703.0	Building Statistics, Australia : Number of New Dwellings (Preliminary). (quarterly)
8705.0	Building Statistics. (quarterly)
<b>Transport and Communication —</b>	
9301.0	Registrations of New Motor Vehicles : Australia (Preliminary). (monthly)
9303.0	Motor Vehicle Registrations. (quarterly)
9304.0	Motor Vehicle Registrations. (annual)



## APPENDIX C

## METHODS OF ADJUSTMENT EMPLOYED

The seasonally adjusted series given in this bulletin and other publications of the Bureau have been calculated by means of computer programs of the Census Method II, X-11 Variant (for monthly series) and the X-11Q Variant (for quarterly series). As described in paragraphs 16 to 18 of the "Notes on Seasonal Adjustment Methods", the manner in which these programs have been employed for each series depends on the selection made from among alternative optional procedures allowed for in the programs. The selection of specific program options for each individual series has been guided by initial analyses using standard options, as well as evidence from special analyses.

Moving averages for trend in monthly series are options specified in accordance with moving averages selected by the X-11 program in analyses made beforehand. Moving averages for monthly seasonal factors are standard (3x5-term) except where alternative options are specified. The X-11Q program has only standard moving averages for trend (5-term) and seasonal factors (3x5-term).

Users should particularly note whether use has been made of trading-day adjustment and of prior adjustment for the effects of movable holidays, namely Easter and Australia Day, since their application can materially affect the results obtained and the interpretation to be placed on them. Adjustments for trading-day effects and the effects of movable Easter and Australia Day holidays have been applied to series where special analyses made beforehand have shown that variations, arising from these effects, in the number of trading or working days in the month have significantly affected the series. For some of the series subject to trading-day adjustment, however, the results of analyses have not warranted further adjustment for Easter or Australia Day affects.

In seasonally adjusting the series by means of the X-11 and X-11Q programs certain program options not referred to in the table below were used. Details of these options are:

- (1) Multiplicative adjustment has been used for all series, with the exception of some components of the National Accounts series that have been additively adjusted.
- (2) Trading-day adjustments, where applied to monthly series, have been based upon prior daily weights derived from analyses made beforehand and applied to the entire series. Where trading-day adjustments have been applied, allowance for the length of month or quarter has been combined with trading-day factors.
- (3) Limits for the graduated treatment of extremes of 1.5 and 2.5 standard errors have been used for all series with the exception of *job vacancies registered* (where the limits used have been 1.8 and 2.8 standard errors), one component of *taxation revenue* (where the limits used have been 2.2 and 3.5 standard errors) and *civilian employees* (where the limits used have been 3.5 and 6.0 standard errors).

Some of the components of the National Accounts series were not amenable to adjustment by the X-11Q program, and special adjustments were used. The special methods are described in Table 2.

The application of other X-11 and X-11Q program options for each seasonally adjusted series published by the Bureau in this or other publications is as set out in the following tables, with the exception of those state series where the adjustments are not available for all states. Program options used are given in Tables 1 and 2 for Australian series and in Table 3 for state series.



## APPENDIX C – continued

TABLE 1. AUSTRALIAN SERIES

NOTE. For terminology refer to paragraphs 16 to 18 of Appendix A.

Series description	Page No.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading day variation	Easter	Australia Day	Other influences
<b>PRODUCTION –</b>							
Black coal	26	13	3x9	(a)	(a)	(a)	(a)
Electricity	27	13	3x9	yes	yes	yes	no
Gas	28	13	3x5*	yes	no	no	yes (b)
Raw steel	29	13	3x9	yes	no	no	no
Pig iron	**	13	3x9	yes	no	no	no
Blooms and slabs	**	13	3x9	yes	yes	yes	no
Tinplate	**	13	3x9	yes	no	no	no
Cement	30	23	3x9	yes	yes	no	yes (c)
Clay bricks	31	13	3x9	yes	yes	yes	yes (c)
Sulphuric acid	**	13	3x9	yes	no	yes	yes (d)
Motor vehicles	32	13	3x9	yes	yes	yes	yes (c)(e)
Cars and station wagons	**	13	3x9	yes	yes	no	yes (c)(e)
Utilities and panel vans	**	13	3x9	no	yes	no	yes (c)(e)
Trucks and truck type vehicles	**	13	3x9	yes	yes	no	yes (c)(e)
Electric motors under 720W	33	13	3x9	yes(f)	yes	yes	yes (c)(e)
Electric motors 720W and over	**	23+	3x9	no	yes	yes	yes (c)(e)
Internal combustion engines	**	13	3x5*	no	yes	no	yes (g)
Lawn mowers	**	13	3x5*	no	no	no	yes (g)
Domestic refrigerators	34	13	3x9	yes	yes	yes	yes (c)(e)(h)
Clothes washing machines	**	13	3x9	yes	yes	yes	yes (e)
Television sets	35	13	3x5*	yes	yes	yes	yes (e)
Floor coverings	36	13	3x9	yes	yes	yes	yes (e)
Particle board	**	13	3x5*	yes+	no	no	yes (c)
Cotton woven cloth	37	13	3x9	yes(f)	yes	yes	yes (e)
Woollen and worsted woven cloth	**	13	3x9	yes	yes	yes	yes (c)(e)
Synthetic fibre woven cloth	38	13	3x9	yes	yes	no	yes (c)(e)
Cellulosic fibre woven cloth	**	13	3x9	yes	yes	no	yes (c)(e)
Cotton yarn	**	13	3x9	yes	yes	no	yes (e)
Woollen yarn	**	13	3x9	yes	yes	no	yes (c)(e)(i)
Beer	39	23	3x9	yes	yes	yes	no
Tobacco and cigarettes	40	23	3x9	yes	yes	yes	yes (c)(e)
Chocolate-based confectionery	**	13	3x9	yes	yes	yes	no
Other confectionery	**	23+	3x9	yes	yes	yes	no
Confectionery †	41	..	..	..	..	..	..
Beef	**	13	3x9	yes	yes	yes	no
Veal	**	13	3x9	yes	yes	yes+	no
Mutton	**	13	3x9	yes	yes	yes	no
Lamb	**	13	3x9	yes	yes	yes+	no
Pigmeat	**	13	3x9	yes	yes	yes	no
Total meat †	42	..	..	..	..	..	..
Whole milk	43	13	3x5*	yes	no	no	no
Brokers and dealers receivals of taxable wool †	**	..	..	..	..	..	..
<b>OVERSEAS TRANSACTIONS –</b>							
<b>Recorded Trade –</b>							
Total exports †	44	..	..	..	..	..	..
Total imports †	45	..	..	..	..	..	..
Exports of wool	**	13	3x5*	yes	yes	yes	no

For footnotes see end of table.



## APPENDIX C — continued

TABLE 1. AUSTRALIAN SERIES — continued

Series description	Page No.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading day variation	Easter	Australia Day	Other influences
<b>OVERSEAS TRANSACTIONS — cont'd</b>							
Exports and Imports of Merchandise at Current Prices —							
Exports of merchandise †	**	..	..	..	..	..	..
Imports of merchandise	**	5*	3x5*	no	no	no	no
Exports and Imports of Merchandise at Average 1974-75 Prices —							
Exports of merchandise †	46	..	..	..	..	..	..
Imports of merchandise	47	5*	3x5*	no	no	no	no
<b>Balance of Payments, Current Account —</b>							
Visible trade —							
Exports f.o.b.	**	5*	3x5*	no	no	no	no
Imports f.o.b.	**	5*	3x5*	no	no	no	no
Balance of trade †	48	..	..	..	..	..	..
Invisible credits —							
Gold production †	**	..	..	..	..	..	..
Transportation †	**	..	..	..	..	..	..
Travel	**	5*	3x5*	no	no	no	yes (j)
Government †	**	..	..	..	..	..	..
Miscellaneous †	**	..	..	..	..	..	..
Property income †	**	..	..	..	..	..	..
Transfers †	**	..	..	..	..	..	..
Total invisible credits †	49	..	..	..	..	..	..
Invisible debits —							
Freight on imports	**	5*	3x5*	no	no	no	no
Other transportation †	**	..	..	..	..	..	..
Travel	**	5*	3x5*	no	no	no	yes (k)
Government †	**	..	..	..	..	..	..
Miscellaneous †	**	..	..	..	..	..	..
Property income —							
Undistributed investment income †	**	..	..	..	..	..	..
Other investment income †	**	..	..	..	..	..	..
Royalties and copyrights	**	5*	3x5*	no	no	no	no
Government transfers †	**	..	..	..	..	..	..
Private transfers †	**	..	..	..	..	..	..
Total invisible debits †	50	..	..	..	..	..	..
Net invisibles †	**	..	..	..	..	..	..
Balance on current account †	51	..	..	..	..	..	..
<b>International Liquidity —</b>							
Official reserve assets †	52	..	..	..	..	..	..
<b>OVERSEAS ARRIVALS AND DEPARTURES —</b>							
Short term visitors arriving †	**	..	..	..	..	..	..
Total arrivals †	**	..	..	..	..	..	..
Short term Australian residents departing †	**	..	..	..	..	..	..
Total departures †	**	..	..	..	..	..	..

For footnotes see end of table.



## APPENDIX C — continued

TABLE 1. AUSTRALIAN SERIES — continued

Series description	Page No.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading day variation	Easter	Australia Day	Other influences
<b>EMPLOYMENT AND LABOUR —</b>							
<b>Employed Persons —</b>							
Males	58	5*	3x5*	no	no	no	no
Married women	**	5*	3x5*	no	no	no	no
All females	59	5*	3x5*	no	no	no	no
Persons	60	5*	3x5*	no	no	no	no
<b>Civilian Labour Force —</b>							
Males	53	5*	3x5*	no	no	no	no
Married women	**	5*	3x5*	no	no	no	no
All females	54	5*	3x5*	no	no	no	no
Persons	55	5*	3x5*	no	no	no	no
Participation rates —							
Males	56	5*	3x5*	no	no	no	no
Married women	**	5*	3x5*	no	no	no	no
All females	57	5*	3x5*	no	no	no	no
Persons	**	5*	3x5*	no	no	no	no
<b>Civilian Employees —</b>							
Males †	61	..	..	..	..	..	..
Females †	62	..	..	..	..	..	..
Persons †	63	..	..	..	..	..	..
Private — Persons †	64	..	..	..	..	..	..
Government — Persons †	65	..	..	..	..	..	..
Construction — Persons	66	9	3x5*	no	no	no	yes (l)(m)
Manufacturing — Persons	67	9	3x5*	no	no	no	yes (l)(n)
Wholesale and retail trade — Persons	68	9	3x5*	no	no	no	yes (l)(m)(n)(o)
Transport and storage — Persons	69	9	3x5*	no	no	no	yes (l)
Finance, insurance, real estate and business services — Persons	70	9	3x5*	no	no	no	yes (l)(m)
<b>Job Vacancies Registered —</b>							
Adults †	71	..	..	..	..	..	..
Juniors †	72	..	..	..	..	..	..
Total †	73	..	..	..	..	..	..
<b>Factory Overtime</b>	74	9	3x5*	no	yes	no	yes(p)
<b>WAGES AND SALARIES —</b>							
Average weekly earnings per employed male unit (aq)	75	5*	3x5*	no	no	no	yes (q)
Average weekly ordinary time earnings, full-time adult males (other than managerial, etc. staff)	**	5*	3x5*	no	no	no	yes (q)



## APPENDIX C — continued

TABLE 1. AUSTRALIAN SERIES — continued

Series description	Page No.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading day variation	Easter	Australia Day	Other influences
<b>INTERNAL TRADE —</b>							
<b>Quarterly Retail Sales at Current Prices —</b>							
Food and drink	76	5*	3x5*	yes	yes	no	yes (r)(s)
Groceries	**	5*	3x5*	yes	yes	no	yes (r)(s)
Butchers' meat	**	5*	3x5*	yes	yes	no	yes (r)(s)
Other food	**	5*	3x5*	yes	yes	no	yes (r)(s)
Total food and groceries	**	5*	3x5*	yes	yes	no	yes (r)(s)
Beer, wine and spirits	**	5*	3x5*	yes	yes	no	yes (r)(s)
Clothing, hardware, electrical, etc.	78	5*	3x5*	yes	yes	no	yes (r)(s)(t)
Clothing and drapery	**	5*	3x5*	yes	yes	no	yes (r)(s)
Footwear	**	5*	3x5*	yes	yes	no	yes (r)(s)(v)
Hardware, china and glassware	**	5*	3x5*	yes	yes	no	yes (r)(s)(w)
Electrical goods	**	5*	3x5*	yes	yes	no	yes (r)(s)(u)
Furniture and floor coverings	**	5*	3x5*	yes	yes	no	yes (r)(s)(t)
All other goods (excl. motor vehicles, parts, petrol, etc.)	80	5*	3x5*	yes	yes	no	yes (r)(s)
Chemists' goods	**	5*	3x5*	yes	yes	no	yes (r)(s)
Newspapers, books and stationery	**	5*	3x5*	yes	yes	no	yes (r)(s)
Other goods (excl. motor vehicles, parts, petrol, etc.)	**	5*	3x5*	yes	yes	no	yes (r)(s)
All items (excl. motor vehicles, parts, petrol, etc.)	82	5*	3x5*	yes	yes	no	yes (r)(s)
<b>Quarterly Retail Sales at Constant Prices —</b>							
Food and drink	77	5*	3x5*	yes	yes	no	yes (r)(s)(x)
Clothing, hardware, electrical, etc.	79	5*	3x5*	yes	yes	no	yes (r)(s)(t)(x)
All other goods (excl. motor vehicles, parts, petrol, etc.)	81	5*	3x5*	yes	yes	no	yes (r)(s)(x)
All items (excl. motor vehicles, parts, petrol, etc.)	83	5*	3x5*	yes	yes	no	yes (r)(s)(x)
<b>Monthly Retail Sales —</b>							
All items (excl. motor vehicles, parts, petrol, etc.)	84	9	3x5*	yes	yes	yes	yes (e)(y)(z)(aa)(ab)(ac)(ad)
<b>Registrations of New Motor Vehicles —</b>							
Cars and station wagons	85	13	3x9	yes	yes	no	no
Other vehicles	86	13	3x9	yes	yes	no	no
Total †	87	..	..	..	..	..	..
<b>New Wheeled Tractors Sold for Agricultural Purposes</b>							
	**	5*	3x5*	no	yes	no	yes (e)(ae)
<b>ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES —</b>							
Persons killed — monthly	**	23	3x9	yes	yes	yes	no
Persons killed — quarterly	**	5*	3x5*	no	no	no	no
Persons injured	**	5*	3x5*	no	no	no	no
Number of accidents	**	5*	3x5*	no	no	no	no



## APPENDIX C — continued

TABLE 1. AUSTRALIAN SERIES — continued

Series description	Page No.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading day variation	Easter	Australia Day	Other influences
<b>BUILDING, ETC. —</b>							
<b>Building Approved —</b>							
Number of —							
Total new dwellings approved	**	13	3x9	yes	yes	yes	yes (e)
New private dwellings approved	88	13	3x9	yes	yes	yes	yes (e)
Value of —							
Total new dwellings approved	**	13	3x9	yes	yes	yes	yes (e)
Other building approved	**	23	3x9	yes	yes	no	no
Private other building approved	**	23	3x9	yes	no	yes	no
Total building approved	89	13	3x9	yes	yes	no	no
<b>Building Commenced —</b>							
Number of —							
Total new dwellings commenced	**	5*	3x5*	no	no	no	no
New private dwellings commenced	90	5*	3x5*	no	no	no	no
New houses commenced	**	5*	3x5*	no	no	no	no
Other new dwellings commenced	**	5*	3x5*	no	no	no	no
Value of —							
Total new dwellings commenced	91	5*	3x5*	no	no	no	no
Other building commenced	92	5*	3x5*	no	no	no	no
Total building commenced	93	5*	3x5*	no	no	no	no
<b>Building Completed —</b>							
Number of —							
Total new dwellings completed	**	5*	3x5*	no	no	no	no
New private dwellings completed	94	5*	3x5*	no	no	no	no
New houses completed	**	5*	3x5*	no	no	no	no
Other new dwellings completed	**	5*	3x5*	no	no	no	no
Value of —							
Total new dwellings completed	**	5*	3x5*	no	no	no	no
Alterations and additions to dwellings completed	**	5*	3x5*	no	no	no	no
Other building completed	**	5*	3x5*	no	no	no	no
Private other building completed	**	5*	3x5*	no	no	no	no
Total building completed	**	5*	3x5*	no	no	no	no
<b>Value of Work Done on —</b>							
Total new dwellings	95	5*	3x5*	no	no	no	no
New houses	**	5*	3x5*	no	no	no	no
Other new dwellings	**	5*	3x5*	no	no	no	no
Alterations and additions to dwellings	**	5*	3x5*	no	no	no	no
Other building	96	5*	3x5*	no	no	no	no
Private other building	**	5*	3x5*	no	no	no	no
Total building	97	5*	3x5*	no	no	no	no
<b>Actual New Capital Expenditure by Private Enterprises —</b>							
New buildings and structures —							
Mining	**	5*	3x5*	no	no	no	yes (af)
Manufacturing	**	5*	3x5*	no	no	no	yes (af)
Finance, insurance, real estate and business services	**	5*	3x5*	no	no	no	yes (ag)
Other industries	**	5*	3x5*	no	no	no	yes (af)
All industries	98	5*	3x5*	no	no	no	yes (ag)

For footnotes see end of table.



## APPENDIX C – continued

TABLE 1. AUSTRALIAN SERIES – continued

Series description	Page No.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading day variation	Easter	Australia Day	Other influences
<b>BUILDING, ETC. – continued</b>							
<b>Actual New Capital Expenditure by Private Enterprises – cont'd</b>							
Other new capital equipment –							
Mining	**	5*	3x5*	no	no	no	yes (af)
Manufacturing	**	5*	3x5*	no	no	no	yes (af)
Finance, insurance, real estate and business services	**	5*	3x5*	no	no	no	yes (ag)
Other industries	**	5*	3x5*	no	no	no	yes (af)(ah)
All industries	99	5*	3x5*	no	no	no	yes (ag)
Total new capital expenditure –							
Mining	100	5*	3x5*	no	no	no	yes (af)
Manufacturing	101	5*	3x5*	no	no	no	yes (af)
Finance, insurance, real estate and business services	102	5*	3x5*	no	no	no	yes (ag)
Other industries	103	5*	3x5*	no	no	no	yes (af)(ah)
All industries	104	5*	3x5*	no	no	no	yes (ag)
<b>Actual New Capital Expenditure by Private Enterprises (ASIC Divisions) –</b>							
Total new capital expenditure –							
Food, beverages and tobacco	**	5*	3x5*	no	no	no	yes (af)
Paper and printing	**	5*	3x5*	no	no	no	yes (af)
Chemicals	**	5*	3x5*	no	no	no	yes (af)
Basic metal products	**	5*	3x5*	no	no	no	yes (af)
Fabricated metal products	**	5*	3x5*	no	no	no	yes (af)
Other manufacturing	**	5*	3x5*	no	no	no	yes (af)
Wholesale trade	**	5*	3x5*	no	no	no	no
Retail trade	**	5*	3x5*	no	no	no	yes (af)
Other non-manufacturing	**	5*	3x5*	no	no	no	yes (af)
<b>Expected New Capital Expenditure by Private Enterprises –</b>							
New buildings and structures –							
Mining ‡	**	..	..	..	..	..	..
Manufacturing ‡	**	..	..	..	..	..	..
Finance, insurance, real estate and business services (ai)	**	5*	3x5*	no	no	no	no
Other industries (ai)	**	5*	3x5*	no	no	no	no
All industries †	**	..	..	..	..	..	.
Other new capital equipment –							
Mining ‡	**	..	..	..	..	..	..
Manufacturing ‡	**	..	..	..	..	..	..
Finance, insurance, real estate and business services ‡	**	..	..	..	..	..	..
Other industries ‡	**	..	..	..	..	..	..
All industries ‡	**	..	..	..	..	..	..
Total new capital expenditure –							
Mining ‡	**	..	..	..	..	..	..
Manufacturing ‡	**	..	..	..	..	..	..
Finance, insurance, real estate and business services †	**	..	..	..	..	..	..
Other industries †	**	..	..	..	..	..	..
All industries †	105	..	..	..	..	..	..

For footnotes see end of table.



## APPENDIX C — continued

TABLE 1. AUSTRALIAN SERIES — continued

Series description	Page	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading day variation	Easter	Australia Day	Other influences
<b>BUILDING, ETC. — continued</b>							
Mineral Exploration (Other than for Petroleum) —							
Expenditure by principal enterprises	106	5*	3x5*	no	no	no	no
<b>STOCKS OWNED BY PRIVATE ENTERPRISES —</b>							
Stocks at Current Prices —							
Manufacturing —							
Food, beverages and tobacco	**	5*	3x5*	no	no	no	yes (aj)(ak)
Textiles, clothing and footwear	**	5*	3x5*	no	no	no	yes (aj)(ak)
Paper, paper products, printing and publishing	**	5*	3x5*	no	no	no	yes (aj)(ak)
Chemical, petroleum and coal products	**	5*	3x5*	no	no	no	yes (aj)(ak)
Basic metal products ‡	**	..	..	..	..	..	..
Transport equipment	**	5*	3x5*	no	no	no	yes (aj)(ak)
Fabricated metal products, other machinery and equipment ‡	**	..	..	..	..	..	..
Other manufacturing	**	5*	3x5*	no	no	no	yes (aj)(ak)
Total manufacturing	**	5*	3x5*	no	no	no	yes (aj)(ak)
Wholesale trade	**	5*	3x5*	no	no	no	yes (aj)(ak)
Retail trade †	**	..	..	..	..	..	..
Total	**	5*	3x5*	no	no	no	yes (aj)(ak)
Stocks at Average 1974-75 Prices —							
Manufacturing	**	5*	3x5*	no	no	no	yes (aj)(ak)
Other industries ‡	**	..	..	..	..	..	..
Total †	**	..	..	..	..	..	..
<b>FINANCE</b>							
Taxation Revenue —							
Commonwealth and State Government consolidated revenue funds †	107	..	..	..	..	..	..
Volume of Money —							
Definition M <sub>1</sub> †	108	..	..	..	..	..	..
Definition M <sub>2</sub> †	**	..	..	..	..	..	..
Definition M <sub>3</sub> †	109	..	..	..	..	..	..
Savings Banks —							
Depositors' balances	110	9	3x5*	no	no	no	yes (al)(am)
Major Trading Banks —							
Total deposits †	111	..	..	..	..	..	..
Loans, advances, etc. (excl. temporary advances to wool buyers, etc.)	**	9	3x5*	no	no	no	yes (an)
Total loans, advances, etc.	112	9	3x5*	no	no	no	yes (an)
Liquid assets and Commonwealth Government securities	**	9	3x5*	no	no	no	yes (an)
New and increased lending commitments †	113	..	..	..	..	..	..
Overdraft limits outstanding	**	9	3x5*	no	no	no	yes (an)(ao)



## APPENDIX C – continued

TABLE 1. AUSTRALIAN SERIES – continued

Series description	Page No.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading day variation	Easter	Australia Day	Other influences
<b>FINANCE – continued</b>							
<b>Housing Finance for Owner Occupation, Loans Approved to Individuals for Construction or Purchase of Dwellings –</b>							
Construction of dwellings and purchase of newly erected dwellings –							
Number of dwelling units for which loans have been approved by –							
Savings banks	114	13	3x9	yes	yes	no	no
Trading banks	115	13	3x9	yes	yes	no	no
Permanent building societies	116	9	3x9	yes	no	no	no
Value of loans approved by –							
Savings banks	**	13	3x9	yes	yes	no	no
Trading banks	**	13	3x9	yes	yes	no	no
Permanent building societies	**	9	3x9	yes	no	no	no
<b>Purchase of established dwellings –</b>							
Number of dwelling units for which loans have been approved by –							
Savings banks	**	9	3x9	yes	yes	no	no
Trading banks	**	9	3x5*	yes	yes	no	no
Permanent building societies	**	9	3x5*	yes	no	no	no
Value of loans approved by –							
Savings banks	**	9	3x9	yes	yes	no	no
Trading banks	**	9	3x5*	yes	yes	no	no
Permanent building societies	**	9	3x5*	yes	no	no	no
<b>Total –</b>							
Number of dwelling units for which loans have been approved by –							
Savings banks †	**	..	..	..	..	..	..
Trading banks †	**	..	..	..	..	..	..
Permanent building societies †	**	..	..	..	..	..	..
Value of loans approved by –							
Savings banks †	117	..	..	..	..	..	..
Trading banks †	118	..	..	..	..	..	..
Permanent building societies †	119	..	..	..	..	..	..



## APPENDIX C — continued

TABLE 1. AUSTRALIAN SERIES — continued

Series description	Page No.	Number of terms used in moving averages for		Adjustment made for			
		Trend	Seasonal factors	Trading day variation	Easter	Australia Day	Other influences
<b>NATIONAL ACCOUNTS AT CURRENT PRICES —</b>							
Household Outlay —							
Consumer debt interest ‡	**	..	..	..	..	..	..
<b>Gross Operating Surplus —</b>							
Trading enterprises—							
Companies †	140	..	..	..	..	..	..
Dwellings owned by persons	**	5*	3x5*	no	no	no	no
Public enterprises	**	5*	3x5*	no	no	no	no
Other †	141	..	..	..	..	..	..
Financial enterprises less imputed bank service charge	**	5*	3x5*	no	no	no	yes (ap)
<b>Final Consumption Expenditure —</b>							
Private —							
Food	**	5*	3x5*	yes	yes	no	no
Purchase of motor vehicles	**	5*	3x5*	no	no	no	no
Rent ‡	**	..	..	..	..	..	..
Government	130	5*	3x5*	no	no	no	no
<b>Gross Fixed Capital Expenditure —</b>							
Private —							
Dwellings	**	5*	3x5*	no	no	no	no
Other building and construction	**	5*	3x5*	no	no	no	no
All other	**	5*	3x5*	no	no	no	no
Public —							
General government	**	5*	3x5*	no	no	no	no
<b>Wages, Salaries and Supplements</b>	142	5*	3x5*	no	no	no	yes (q)

All other **current price** series are adjusted aggregatively. See Table 2.

**NATIONAL ACCOUNTS AT AVERAGE 1974-75 PRICES**

As far as possible, these series have been adjusted using methods similar to those used for the corresponding **current price** series. For details of differences in the method used see Table 2.

\* These are X-11 program standard procedures which are employed unless an alternative is specified. The X-11Q program has only standard program-selected moving averages for trend and seasonal factors.

\*\* Series not published in this bulletin.

+ Denotes change in option or method previously selected for the adjustment of a series.

† Series aggregatively adjusted. See Table 2.

‡ Seasonally insignificant. Original series used.

- (a) The influence of trading-day variation together with major public holidays and patterns of annual leave which may vary from year to year.
- (b) An abrupt change in seasonality affecting most months from February 1970, due to the introduction of natural gas.
- (c) An abrupt change in seasonality affecting mainly January due to the extension of statutory leave in January 1975.
- (d) Two abrupt changes in seasonality, one affecting mainly June and July from June 1968, due to change in the pattern of annual leave and plant maintenance arrangements, and the other from June 1972.
- (e) An abrupt change in the seasonality affecting mainly December and January due to the extension of statutory annual leave in October 1963.



APPENDIX C — *continued*TABLE 1. AUSTRALIAN SERIES — *continued*

- (f) In the adjustment, account was taken of an abrupt change in trading-day pattern.
- (g) An adjustment to the level of the series in May, June and July 1974 to remove a major fluctuation which was distorting the estimates of the seasonal pattern. This fluctuation remains in the seasonally adjusted series.
- (h) An abrupt change in the seasonality affecting mainly January from 1972 due to changes in production patterns.
- (i) An abrupt change in seasonality affecting all months from December 1971.
- (j) An abrupt change in seasonality from the September quarter 1967 to the December quarter 1971 due to U.S. troops spending their rest and recreation leave in Australia.
- (k) An abrupt change in seasonality from 1963-64.
- (l) An abrupt change in level from June 1971 due to the adoption of a new industry classification and new benchmarks derived from the 1971 Population Census.
- (m) An abrupt change in seasonality from June 1971 due to the adoption of a new industry classification and new benchmarks derived from the 1971 Population Census.
- (n) An abrupt change in level from June 1966 due to the adoption of new benchmarks and a change in labour force definitions for the 1966 Population Census.
- (o) An abrupt change in seasonality from June 1966 due to the adoption of new benchmarks and a change in labour force definitions for the 1966 Population Census.
- (p) The effects of public holidays which fall within the survey week.
- (q) The effects of major awards and determinations of Australian and State industrial authorities. (The effects of these awards and determinations are retained in the seasonally adjusted data.) Also, allowance was made for the varying incidence of fortnightly pay periods.
- (r) An abrupt change in level from December quarter 1972 due to the introduction of series based on the 1968-69 Census of Retail Establishments.
- (s) An abrupt change in level from September quarter 1975 due to introduction of series based on the 1973-74 Census of Retail Establishments.
- (t) An abrupt change in seasonality from March quarter 1973.
- (u) An abrupt change in seasonality affecting March, June and December quarters from March quarter 1974.
- (v) An abrupt change in seasonality affecting the June and September quarters from June quarter 1973.
- (w) An abrupt change in seasonality affecting all quarters except June from September 1963 and an abrupt change in seasonality affecting all quarters from December quarter 1972 due to the introduction of series based on the 1968-69 Census of Retail Establishments.
- (x) An abrupt change in level from September quarter 1975 due to the introduction of data based on 1974-75 prices.
- (y) Separate trading-day weights have been derived for the periods up to December 1968 and from January 1969 because of apparent changes in trading pattern.
- (z) An abrupt change in level from July 1969 due to the introduction of series based on the 1968-69 Census of Retail Establishments.
- (aa) An abrupt change in seasonality affecting October, November and December from October 1971.
- (ab) An abrupt change in seasonality from July 1969 due to a change in the estimation procedures for new businesses.
- (ac) An abrupt change in level from April 1976 due to the introduction of series based on the 1973-74 Census of Retail Establishments.
- (ad) An abrupt change in seasonality affecting mainly December in 1973, 1974 and 1975.
- (ae) An abrupt change in seasonality affecting all quarters except June from September quarter 1967.
- (af) An abrupt change in the level of the series from December quarter 1973 associated with the introduction of the integrated capital expenditure survey.
- (ag) An abrupt change in the level and seasonality from December quarter 1973 associated with the introduction of the integrated capital expenditure survey and the exclusion of construction.



APPENDIX C — *continued*TABLE 1. AUSTRALIAN SERIES — *continued*

- (ah) An abrupt change in seasonality affecting the June, September and December quarters from June quarter 1976 due to the bringing forward of expenditure plans caused by the 40% investment allowance.
- (ai) This half-yearly series has been seasonally adjusted by applying the standard X-11Q program to the quarterly series obtained by allocating the figures for the half-year ended June to the June quarter and the other half-year to the December quarter, while the March and September quarter figures are calculated to have no significant seasonality. The adjustment factors for the June and December quarters are then applied to the half-yearly series.
- (aj) An abrupt change in the level of the series from the June quarter 1973 due to the introduction of the integrated stocks survey and the adoption of new classifications of industry.
- (ak) An abrupt change in level from the June quarter 1976 associated with the 1976 sample revision.
- (al) Effects of twelve-weekly and four-weekly payments of child-endowment and twelve-weekly payments of war pension paid directly into savings bank accounts.
- (am) An abrupt change in the level of the series from June 1975 due to a change in accounting procedures by one bank.
- (an) An abrupt change in the level of the series from July 1973 due to the exclusion of Papua New Guinea data from the figures.
- (ao) An abrupt change from January 1978 due to a change in accounting procedures.
- (ap) An abrupt change in seasonality from September quarter 1971 and an abrupt change in seasonality affecting all quarters except September quarter from June quarter 1974.
- (aq) This quarterly series has been seasonally adjusted by applying the standard X-11 program to a monthly series. The quarterly series is derived by applying a simple average to the three months of the particular quarter.



## APPENDIX C — continued

TABLE 2. AGGREGATIVELY ADJUSTED AUSTRALIAN SERIES

It should be noted that, except where otherwise stated, the directly adjusted quarterly series referred to in the table below have been seasonally adjusted multiplicatively by the X-11Q program using *standard* program options, namely 5-term trend moving average, 3x5-term seasonal moving average, and limits for graduated treatment of extremes of 1.5 & 2.5 standard deviations.

<i>Series description</i>	<i>Page No.</i>	<i>Methods employed</i>
<b>PRODUCTION —</b>		
Confectionery	41	The sum of <i>chocolate-based confectionery</i> and <i>other confectionery</i> . (See Table 1.)
Total meat	42	The sum of <i>beef, veal, mutton, lamb</i> and <i>pigmeat</i> . (See Table 1.)
Brokers and dealers receivals of taxable wool	**	The sum of <i>brokers receivals of taxable wool</i> and <i>dealers receivals of taxable wool</i> . (Both adjusted multiplicatively using a 13-term trend moving average, a 3x9-term seasonal moving average and standard limits for graduated treatment of extremes. Adjustment for trading-day variation has been made only to the <i>brokers receivals of taxable wool</i> series.)
<b>OVERSEAS TRANSACTIONS —</b>		
<b>Recorded Trade —</b>		
Total exports	44	The sum of <i>exports through mainports</i> and <i>exports through outports</i> . (Both adjusted multiplicatively using a 13-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes, and an adjustment for trading-day variation.)
Total imports	45	The sum of <i>imports through mainports</i> and <i>imports through outports</i> . (Both adjusted by first removing imports of large items, and then adjusting the residual multiplicatively using a 13-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes, and an adjustment for trading-day variation. Prior adjustment to the <i>imports through mainports</i> series has been made for the effects of Easter and Australia Day. Finally the unadjusted component, imports of large items, is added back to the series.)
Exports of Merchandise at Current Prices	**	The sum of <i>rural</i> and <i>non-rural</i> . (Both directly adjusted.)
Exports of Merchandise at Average 1974-75 Prices	46	The sum of <i>rural</i> and <i>non-rural</i> . (Both directly adjusted.)
<b>Balance of Payments —</b>		
Visible trade —		
Exports f.o.b.	**	Directly adjusted, see Table 1.
Imports f.o.b.	**	Directly adjusted, see Table 1.
Balance of Trade	48	The difference between <i>exports f.o.b.</i> and <i>imports f.o.b.</i>
Invisible Credits —		
Gold Production	**	Directly adjusted (with a prior correction for an abrupt change in seasonality affecting all quarters except March from September quarter 1964) up to June quarter 1969. From September quarter 1969 until December quarter 1975 adjusted by subtracting <i>imports of gold</i> from <i>exports of gold</i> (both directly adjusted). From March quarter 1976 <i>exports of gold</i> and <i>imports of gold</i> are included in the relevant visible trade items.
Transportation	**	The sum of <i>expenditure of overseas shipping</i> , <i>expenditure of overseas airlines</i> (both not adjusted) and <i>receipts of Australian carriers</i> (directly adjusted).
Travel	**	Directly adjusted, see Table 1.

\*\* Series not published in this bulletin.



## APPENDIX C — continued

TABLE 2. AGGREGATIVELY ADJUSTED AUSTRALIAN SERIES — continued

Series description	Page No.	Methods employed
<b>OVERSEAS TRANSACTIONS — cont.</b>		
<b>Balance of Payments — continued</b>		
Invisible Credits —		
Government	**	The sum of <i>Australian government services to non-residents</i> (directly adjusted), <i>foreign government expenditure on diplomatic and consular representation</i> (not adjusted prior to March quarter 1965, directly adjusted from March quarter 1965 to June quarter 1972 and not adjusted since) and <i>expenditure on United States government communication bases</i> (not adjusted).
Miscellaneous	**	The sum of <i>business expenses of foreign companies</i> (not adjusted) and <i>other</i> (directly adjusted).
Property income	**	The sum of <i>interest on international reserves and IMF income</i> (directly adjusted) and <i>other</i> (not adjusted).
Transfers	**	The sum of <i>immigrants' funds</i> (directly adjusted), <i>pensions</i> (directly adjusted prior to March quarter 1973 and not adjusted since).
Total invisible credits	49	The sum of the seven individual credit items above.
Invisible Debits —		
Freight on imports	**	Directly adjusted, see Table 1.
Other transportation	**	The sum of <i>shipping fares, receipts of overseas airlines plus assisted passages</i> (both directly adjusted) and <i>other</i> (not adjusted prior to September 1969 and directly adjusted since).
Travel	**	Directly adjusted, see Table 1.
Government	**	The sum of <i>defence expenditure</i> and <i>other</i> (both directly adjusted).
Miscellaneous	**	The sum of <i>reinsurance premiums</i> (not adjusted), and <i>business expenses of Australian companies</i> and <i>other</i> (both directly adjusted).
Property income —		
Undistributed investment income	**	Not adjusted.
Other investment income	**	The sum of <i>portfolio dividends and interest</i> (directly adjusted), <i>interest on public authority debt</i> (directly adjusted prior to March 1977 and not adjusted since) and <i>remitted profits and interest</i> (directly adjusted with account taken of unusually high values).
Royalties and copyrights	**	Directly adjusted, see Table 1.
Government transfers	**	The sum of <i>Papua New Guinea</i> (directly adjusted), <i>pensions</i> (not adjusted) and <i>other</i> (directly adjusted with account taken of large single transfers).
Private transfers	**	The sum of <i>emigrants' funds</i> (not adjusted) and <i>other</i> (directly adjusted).
Total invisible debits	50	The sum of the ten individual debit items above.
Net invisibles	**	The difference between <i>invisible credits</i> and <i>invisible debits</i> .
Balance on current account	51	The sum of <i>balance of trade</i> and <i>net invisibles</i> .
<b>International Liquidity —</b>		
Official reserve assets	52	Adjusted by first removing the components <i>allocated special drawing rights, gold and reserve position in the IMF</i> ; then adjusting the residual ( <i>foreign exchange</i> ) (multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average, and standard limits for graduated treatment of extremes; and, finally, adding back to this adjusted series the unadjusted components <i>allocated special drawing rights, gold and reserve position in the IMF</i> .



## APPENDIX C — continued

TABLE 2. AGGREGATIVELY ADJUSTED AUSTRALIAN SERIES — continued

Series description	Page No.	Methods employed
<b>OVERSEAS ARRIVALS AND DEPARTURES</b>		
Short-term visitors arriving	**	<p>The sum of <i>short-term visitors excluding U.S. troops arriving for rest and recreation leave</i> (adjusted multiplicatively, using a 23-term moving average, a 3x9-term seasonal moving average, standard limits for graduated treatment of extremes, with adjustment for trading-day variation and prior adjustment for the effects of the 1962 Commonwealth Games and the 1971 Rotary Convention) and <i>U.S. troops arriving for rest and recreation leave</i> (adjusted only for trading-day variation). Note that the effects of the Rotary Convention, etc. have been included in the seasonally adjusted series.</p>
Total arrivals	**	<p>The sum of <i>total arrivals excluding U.S. troops arriving for rest and recreation leave</i> (adjusted multiplicatively, using a 23-term trend moving average, a 3x9-term seasonal moving average, standard limits for graduated treatment of extremes, with adjustment for trading-day variation and with prior adjustment for the effects of</p> <ul style="list-style-type: none"> <li>(a) the 1962 Commonwealth Games, and the 1971 Rotary Convention,</li> <li>(b) Easter,</li> <li>(c) an abrupt change in seasonality from January 1976 associated with a change in excursion airfare rates applying to certain months),</li> </ul> <p>and <i>U.S. troops arriving for rest and recreation leave</i> (adjusted only for trading-day variation). The effects of the Rotary Convention, etc. have been retained in the seasonally adjusted series.</p>
Short-term Australian residents departing	**	<p>The sum of <i>short-term Australian residents departing by sea</i> (adjusted multiplicatively using a 23-term trend moving average, a 3x9-term seasonal moving average, standard limits for graduated treatment of extremes, with adjustment for trading-day variation and with prior adjustment for the effects of</p> <ul style="list-style-type: none"> <li>(a) Easter,</li> <li>(b) Australia Day,</li> <li>(c) an abrupt change in seasonality associated with the closure of the Suez Canal in June 1967, affecting the months of February, April, September and October),</li> </ul> <p>and <i>short-term Australian residents departing by air</i> (adjusted multiplicatively using a 13-term trend moving average, 3x5-term seasonal moving average, standard limits for graduated treatment of extremes, with adjustment for trading-day variation and with prior adjustment for the effects of</p> <ul style="list-style-type: none"> <li>(a) an abrupt change in seasonality associated with the closure of the Suez Canal in June 1967, affecting the months of June, July, September and November,</li> <li>(b) an abrupt change in seasonality associated with the introduction of the 45/180 day cheap fares to Europe in February 1972, affecting the months of February, April, May, June, July and August,</li> <li>(c) an abrupt change in seasonality from December 1974 associated with a change in excursion airfare rates applying to certain months).</li> </ul>



## APPENDIX C – continued

TABLE 2. AGGREGATIVELY ADJUSTED AUSTRALIAN SERIES – continued

Series description	Page No.	Methods employed
<b>OVERSEAS ARRIVALS AND DEPARTURES – continued</b> Total departures	**	<p>The sum of <i>total departures excluding U.S. troops departing from rest and recreation leave</i> (adjusted multiplicatively, using a 23-term trend moving average, a 3x9-term seasonal moving average, standard limits for graduated treatment of extremes, with adjustment for trading-day variation and with prior adjustment for the effects of</p> <ul style="list-style-type: none"> <li>(a) the 1962 Commonwealth Games and the 1971 Rotary Convention,</li> <li>(b) an apparent abrupt change in seasonality associated with the introduction of the 45/180 day cheap fares to Europe in February 1972, affecting the months of February, April, May and August,</li> <li>(c) an abrupt change in seasonality from December 1974 associated with a change in excursion airfare rates applying to certain months), and <i>U.S. troops departing from rest and recreation leave</i> (adjusted only for trading-day variation). The effects of the Rotary Convention, etc. have been retained in the seasonally adjusted series. </li></ul>
<b>EMPLOYMENT AND LABOUR –</b> <b>Civilian Employees –</b> Males	61	<p>The sum of <i>private-males</i> and <i>government-males</i> (both adjusted multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average, limits for graduated treatment of extremes of 3.5 and 6.0, with prior correction for the effects of</p> <ul style="list-style-type: none"> <li>(a) abrupt changes in level and seasonality from June 1966 due to the adoption of new labour force definitions and new benchmarks derived from the 1966 Population Census,</li> <li>(b) abrupt changes in the level and seasonality from June 1971 due to the adoption of new labour force definitions, new benchmarks and new industry classification for the 1971 Population Census,</li> <li>(c) abrupt changes in the level and seasonality from June 1971 due to the change in classification of hospital and marketing board employees,</li> </ul> <p>and for the latter only,</p> <ul style="list-style-type: none"> <li>(d) abrupt changes in level and seasonality from June 1971 due to the exclusion of trainee teachers from estimates of the labour force).</li> </ul>
Females	62	<p>The sum of <i>private-females</i> and <i>government-females</i> (both adjusted multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average, limits for graduated treatment of extremes of 3.5 and 6.0, with prior correction for the effects of</p> <ul style="list-style-type: none"> <li>(a) abrupt changes in level and seasonality from June 1966 due to the adoption of new labour force definitions and new benchmarks derived from the 1966 Population Census,</li> <li>(b) abrupt changes in level and seasonality for the latter and just level for the former from June 1971 due to the adoption of new labour force definitions, new benchmarks and new industry classifications for the 1971 Population Census,</li> </ul>

\*\* Series not published in this bulletin.



## APPENDIX C — continued

TABLE 2. AGGREGATIVELY ADJUSTED AUSTRALIAN SERIES — continued

<i>Series description</i>	<i>Page No.</i>	<i>Methods employed</i>
<b>EMPLOYMENT AND LABOUR — cont.</b>		
<b>Civilian Employees — continued</b>		
Females — continued		(c) abrupt changes in level and seasonality from June 1971 due to the change in classification of hospital and marketing board employees, and for the latter only, (d) abrupt changes in level and seasonality from June 1971 due to the exclusion of trainee teachers from estimates of the labour force).
Persons	63	The sum of <i>males</i> and <i>females</i> .
Private — Persons	64	The sum of <i>private-males</i> and <i>private-females</i> (see above).
Government — Persons	65	The sum of <i>government-males</i> and <i>government-females</i> (see above).
<b>Job Vacancies Registered —</b>		
Adults	71	The sum of <i>metropolitan-adults</i> and <i>non-metropolitan-adults</i> (both series adjusted multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average and limits for graduated treatment of extremes of 1.8 and 2.8).
Juniors	72	The sum of <i>metropolitan-juniors</i> and <i>non-metropolitan-juniors</i> (both series adjusted multiplicatively using a 9-term trend and a 13-term trend moving average respectively, a 3x5 term seasonal moving average, limits for graduated treatment of extremes of 1.8 and 2.8 with prior correction for the former for the effects of an abrupt change in seasonality from October 1967 affecting October, November and December).
Total	73	The sum of <i>adults</i> and <i>juniors</i> .
<b>INTERNAL TRADE —</b>		
<b>Registrations of New Motor Vehicles —</b>		
Total	87	The sum of the directly adjusted series <i>registrations of new motor vehicles — cars and station wagons</i> and <i>registrations of new motor vehicles — other vehicles</i> . (See Table 1.)
<b>BUILDING, ETC. —</b>		
<b>Expected New Capital Expenditure</b>		
<b>by Private Enterprises —</b>		
New buildings and structures — All industries	**	The sum of <i>new buildings and structures — mining</i> (unadjusted) and <i>new buildings and structures — manufacturing</i> (unadjusted), and the directly adjusted series <i>new buildings and structures — finance, insurance, real estate and business services</i> and <i>new buildings and structures — other industries</i> . (See Table 1.)
Total new capital expenditure — Finance, insurance, real estate and business services	**	The sum of the directly adjusted series <i>new buildings and structures — finance, insurance, real estate and business services</i> and <i>other new capital equipment — finance, insurance, real estate and business services</i> (unadjusted). (See Table 1.)

\*\* Series not published in this bulletin.







## APPENDIX C

TABLE 3. ADDITIVELY ADJUSTED FINANCIAL SERIES - continued

Series description (continued)	Type	Method employed (continued)
FINANCE - continued Volume of Money - continued Definition M <sub>1</sub> - continued		
The sum of definition M <sub>1</sub> and money bank deposits, multiplied by a 3-year trend moving average, a 3.5-year seasonal moving average, standard basis for graduated treatment of extremes with prior correction for the effect of: (a) an abrupt change in the level of the series from July 1973 due to the exclusion of Japan New Guinea data from the figures; (b) an abrupt change in seasonal pattern from March 1971 affecting most months.	103	Definition M <sub>1</sub>
The sum of definition M <sub>1</sub> and money bank deposits, multiplied by a 3-year trend moving average, a 3.5-year seasonal moving average, standard basis for graduated treatment of extremes with prior correction for the effect of: (a) an abrupt change in the level of the series from July 1973 due to the exclusion of Japan New Guinea data from the figures; (b) twelve-weekly and four-weekly payments of bank dividends and banks accounts and (c) an abrupt change in level from June 1972 due to a change in accounting procedures by the bank.		
The sum of definition M <sub>1</sub> and money bank deposits, multiplied by a 3-year trend moving average, a 3.5-year seasonal moving average, standard basis for graduated treatment of extremes with prior correction for the effect of: (a) an abrupt change in the level of the series from July 1973 due to the exclusion of Japan New Guinea data from the figures; (b) twelve-weekly and four-weekly payments of bank dividends and banks accounts and (c) an abrupt change in level from June 1972 due to a change in accounting procedures by the bank.		
The sum of definition M <sub>1</sub> and money bank deposits, multiplied by a 3-year trend moving average, a 3.5-year seasonal moving average, standard basis for graduated treatment of extremes with prior correction for the effect of: (a) an abrupt change in the level of the series from July 1973 due to the exclusion of Japan New Guinea data from the figures; (b) twelve-weekly and four-weekly payments of bank dividends and banks accounts and (c) an abrupt change in level from June 1972 due to a change in accounting procedures by the bank.		
The sum of definition M <sub>1</sub> and money bank deposits, multiplied by a 3-year trend moving average, a 3.5-year seasonal moving average, standard basis for graduated treatment of extremes with prior correction for the effect of: (a) an abrupt change in the level of the series from July 1973 due to the exclusion of Japan New Guinea data from the figures; (b) twelve-weekly and four-weekly payments of bank dividends and banks accounts and (c) an abrupt change in level from June 1972 due to a change in accounting procedures by the bank.		



## APPENDIX C — continued

TABLE 2. AGGREGATIVELY ADJUSTED AUSTRALIAN SERIES — continued

Series description	Page No.	Methods employed
<b>FINANCE — continued</b> <b>Volume of Money — continued</b> <b>Definition <math>M_2</math> — continued</b>		multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes with prior correction for the effects of (a) an abrupt change in the level of the series from July 1973 due to the exclusion of Papua New Guinea data from the figures, and (b) an abrupt change in seasonal pattern from March 1971 affecting most months).
Definition $M_3$	109	The sum of <i>definition <math>M_2</math></i> and <i>savings banks deposits</i> (adjusted multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes, with prior correction for the effects of (a) an abrupt change in the level of the series from July 1973 due to the exclusion of Papua New Guinea data from the figures, (b) twelve-weekly and four-weekly payments of child-endowment and twelve-weekly payments of war pension paid directly into savings banks accounts, and (c) an abrupt change in level from June 1975 due to a change in accounting procedures by one bank).
<b>Major Trading Banks —</b> <b>Total deposits</b>	111	The sum of <i>current deposits</i> and <i>fixed deposits</i> (both adjusted multiplicatively using a 9-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes with prior correction for the effects of (a) an abrupt change in the level of the series from July 1973 due to the exclusion of Papua New Guinea data from the figures, and for the former only, (b) variation due to the general business practice of monthly settlement of accounts at or near the end of the month, the perceptible effects of which vary according to the proximity of banks' weekly balancing days (Wednesdays) to the end of the month, and for the latter only, (c) an abrupt change in seasonal pattern from March 1971).
<b>New and increased lending commitments</b>	**	The sum of <i>new and increased lending commitments less term loan</i> (adjusted multiplicatively using a 13-term trend moving average, a 3x5-term seasonal moving average, standard limits for graduated treatment of extremes with prior correction for the effects of (a) an abrupt change in the level of the series from July 1973 due to the exclusion of Papua New Guinea data from the figures), and <i>term loan</i> (unadjusted).



## APPENDIX C — continued

TABLE 2. AGGREGATIVELY ADJUSTED AUSTRALIAN SERIES — continued

<i>Series description</i>	<i>Page No.</i>	<i>Methods employed</i>
<b>FINANCE — continued</b>		
<b>Housing Finance for Owner Occupation, Loans Approved to Individuals for Construction or Purchase of Dwellings —</b>		
Total —		
Number of dwelling units for which loans have been approved by —		The sum of <i>construction of dwellings and purchase of newly erected dwellings and purchase of established dwellings</i> . (See Table 1.)
Savings banks	**	
Trading banks	**	
Permanent building societies	**	
Value of loans approved by —		The sum of <i>construction of dwellings and purchase of newly erected dwellings and purchase of established dwellings</i> . (See Table 1.)
Savings banks	117	
Trading banks	118	
Permanent Building Societies	119	
<b>NATIONAL ACCOUNTS AT CURRENT PRICES —</b>		
<b>Household Income —</b>		
Wages, salaries and supplements	142	Directly adjusted, see Table 1.
Income of farm unincorporated enterprises	**	<i>Gross farm product at factor cost</i> (see below), less three farm cost series (two directly adjusted and one not adjusted) and <i>farm company income</i> (unadjusted).
Income of other unincorporated enterprises and from dwellings and interest and dividends	**	The sum of <i>income of other unincorporated enterprises, income from dwelling rent, income from dividends, imputed interest on life and superannuation funds and interest from savings received by persons</i> (all directly adjusted) and <i>other interest and rent received by persons</i> (unadjusted).
Third party insurance transfers	**	Not adjusted.
Transfers from overseas	**	The sum of <i>immigrants' funds and other</i> (both adjusted as described for Balance of Payments).
Transfers from general government —		
Cash benefits	**	The sum of <i>hospital, medical and pharmaceutical benefits and other benefits</i> (both directly adjusted), <i>age and invalid pensions, family allowances and war pensions</i> (all specially adjusted).
Unfunded employee retirement benefits	**	Not adjusted.
Total	**	The sum of <i>cash benefits and unfunded employee retirement benefits</i> .
Total	143	The sum of the six preceding series.











APPENDIX C — *continued*TABLE 2. AGGREGATIVELY ADJUSTED AUSTRALIAN SERIES — *continued*

<i>Series description</i>	<i>Page No.</i>	<i>Methods employed</i>
<b>NATIONAL ACCOUNTS AT CURRENT PRICES — <i>continued</i></b>		
<b>Increase in Stocks</b>		
Farm and miscellaneous	**	The sum of book values of six farm series less <i>farm stock valuation adjustment</i> .
Private non-farm	138	The sum of book values of four non-farm series less <i>non-farm stock valuation adjustment</i> .
Total	**	The sum of <i>farm and miscellaneous</i> and <i>private non-farm</i> .
<b>Statistical Discrepancy</b>	**	Balancing item in the seasonally adjusted account.
<b>NATIONAL ACCOUNTS AT AVERAGE 1974-75 PRICES —</b>		The constant price series have been adjusted by methods similar to those used for the corresponding current price series, the only exceptions being <i>gross domestic product</i> and <i>gross fixed capital expenditure — public</i> (see below).
<b>Gross Domestic Product</b>	121	The sum of <i>farm</i> (similar method of adjustment to that for the current price series) and <i>non-farm</i> (directly adjusted).
<b>Gross Fixed Capital Expenditure</b>		
Public	137	The sum of <i>public less transport equipment</i> (directly adjusted) and <i>transport equipment</i> (unadjusted). The original series is the sum of <i>gross fixed capital expenditure — public enterprises</i> and <i>gross fixed capital expenditure — general government</i> .



## APPENDIX C — continued

TABLE 3. STATE SERIES

Series description	Number of terms used in moving averages for		Adjustment made for			
	Trend	Seasonal factors	Trading day variation	Easter	Australia Day	Other influences
<b>EMPLOYMENT AND LABOUR —</b>						
<b>Job Vacancies Registered —</b>						
Adults (a) —						
New South Wales (b)(c)	..	..	..	..	..	..
Victoria (b)	..	..	..	..	..	..
Queensland (c)(d)	..	..	..	..	..	..
South Australia (c)(d)	..	..	..	..	..	..
Western Australia (d)	..	..	..	..	..	..
Tasmania (c)(d)	..	..	..	..	..	..
Juniors (a) —						
New South Wales	..	..	..	..	..	..
Victoria (b)	..	..	..	..	..	(e)
Queensland (c)	..	..	..	..	..	..
South Australia	..	..	..	..	..	(e)
Western Australia (d)	..	..	..	..	..	(f)
Tasmania (c)	..	..	..	..	..	..
Total (g) —						
New South Wales	..	..	..	..	..	..
Victoria	..	..	..	..	..	..
Queensland	..	..	..	..	..	..
South Australia	..	..	..	..	..	..
Western Australia	..	..	..	..	..	..
Tasmania	..	..	..	..	..	..
<b>WAGES AND SALARIES —</b>						
Average weekly earnings per employed male unit (h) —						
New South Wales	13	3x5*	yes	no	no	yes(i)
Victoria	13	3x5*	yes	no	no	yes(i)
Queensland	13	3x5*	yes	no	no	yes(i)
South Australia	13	3x5*	yes	no	no	yes(i)
Western Australia	13	3x5*	yes	no	no	yes(i)
Tasmania	13	3x5*	yes	no	no	yes(i)
<b>INTERNAL TRADE —</b>						
<b>Quarterly Retail Sales —</b>						
Food and drink —						
New South Wales	5*	3x5*	yes	yes	no	yes(j)(k)
Victoria	5*	3x5*	yes	yes	no	yes(j)(k)
Queensland	5*	3x5*	yes	yes	no	yes(j)(k)
South Australia	5*	3x5*	yes	yes	no	yes(j)(k)
Western Australia	5*	3x5*	yes	yes	no	yes(j)(k)
Tasmania	5*	3x5*	yes	yes	no	yes(j)(k)

For footnotes see end of table.



## APPENDIX C — continued

TABLE 3. STATE SERIES — continued

Series description	Number of terms used in moving averages for		Adjustment made for			
	Trend	Seasonal factors	Trading day variation	Easter	Australia Day	Other influences
<b>INTERNAL TRADE — continued</b>						
<b>Quarterly Retail Sales — continued</b>						
Clothing, hardware, electrical, etc. —						
New South Wales	5*	3x5*	yes	yes	no	yes(j)(k)
Victoria	5*	3x5*	yes	yes	no	yes(j)(k)
Queensland	5*	3x5*	yes	yes	no	yes(j)(k)
South Australia	5*	3x5*	yes	yes	no	yes(j)(k)
Western Australia	5*	3x5*	yes	yes	no	yes(j)(k)
Tasmania	5*	3x5*	yes	yes	no	yes(j)(k)
All other goods (excl. motor vehicles, parts, petrol, etc.) —						
New South Wales	5*	3x5*	yes	yes	no	yes(j)(k)
Victoria	5*	3x5*	yes	yes	no	yes(j)(k)
Queensland	5*	3x5*	yes	yes	no	yes(j)(k)
South Australia	5*	3x5*	yes	yes	no	yes(j)(k)
Western Australia	5*	3x5*	yes	yes	no	yes(j)(k)
Tasmania	5*	3x5*	yes	yes	no	yes(j)(k)
All items (excl. motor vehicles, parts, petrol, etc.) —						
New South Wales	5*	3x5*	yes	yes	no	yes(j)(k)
Victoria	5*	3x5*	yes	yes	no	yes(j)(k)
Queensland	5*	3x5*	yes	yes	no	yes(j)(k)
South Australia	5*	3x5*	yes	yes	no	yes(j)(k)
Western Australia	5*	3x5*	yes	yes	no	yes(j)(k)
Tasmania	5*	3x5*	yes	yes	no	yes(j)(k)
<b>BUILDING, ETC. —</b>						
<b>Building Approvals —</b>						
Number of new dwellings approved —						
New South Wales	13	3x9	yes	yes	no	no
Victoria	13	3x9	yes	yes	no	no
Queensland	13	3x9	yes	yes	no	no
South Australia	13	3x9	yes	no	no	no
Western Australia	13	3x9	yes	yes	yes	no
Tasmania	23	3x9	yes	yes	no	no
<b>Building Commenced —</b>						
Number of new dwellings commenced —						
New South Wales	5*	3x5*	no	no	no	no
Victoria	5*	3x5*	no	no	no	no
Queensland	5*	3x5*	no	no	no	no
South Australia	5*	3x5*	no	no	no	no
Western Australia	5*	3x5*	no	no	no	no
Tasmania	5*	3x5*	no	no	no	no



## APPENDIX C — continued

TABLE 3. STATE SERIES — continued

Series description	Number of terms used in moving averages for		Adjustment made for			
	Trend	Seasonal factors	Trading day variation	Easter	Australia Day	Other influences
<b>BUILDING, ETC. — continued</b>						
<b>Building Completed —</b>						
Number of new dwellings completed —						
New South Wales	5*	3x5*	no	no	no	no
Victoria	5*	3x5*	no	no	no	no
Queensland	5*	3x5*	no	no	no	no
South Australia	5*	3x5*	no	no	no	no
Western Australia	5*	3x5*	no	no	no	no
Tasmania	5*	3x5*	no	no	no	no
<b>Building Under Construction —</b>						
Number of new dwellings under construction —						
New South Wales	5*	3x5*	no	no	no	no
Victoria	5*	3x5*	no	no	no	no
Queensland	5*	3x5*	no	no	no	no
South Australia	5*	3x5*	no	no	no	no
Western Australia	5*	3x5*	no	no	no	no
Tasmania	5*	3x5*	no	no	no	no

\* These are X-11 standard program procedures which are employed unless an alternative is specified. The X-11Q program has only standard program-selected moving averages for trend and seasonal factors.

- (a) Series aggregatively adjusted as the sum of *metropolitan* and *non-metropolitan*. (Both adjusted multiplicatively. Except where otherwise noted a 13-term trend moving average, a 3x5-term seasonal moving average and limits for graduated treatment of extremes of 1.8 and 2.8 have been used.)
- (b) *Metropolitan* series has been adjusted using a 9-term trend moving average.
- (c) *Non-metropolitan* series has been adjusted using a 3x9-term seasonal moving average.
- (d) *Metropolitan* series has been adjusted using a 3x9-term seasonal moving average.
- (e) An abrupt change in seasonality from September 1967 due to changes in administrative recording procedures.
- (f) An abrupt change in seasonality from September 1970 due to delayed changeover to the new administrative procedures adopted by the other states in 1967.
- (g) Series aggregatively adjusted as the sum of *adults* and *juniors*.
- (h) These quarterly series have been seasonally adjusted by applying the standard X-11 program to a monthly series. The quarterly series is derived by applying a simple average to the three months of a particular quarter.
- (i) The effects of major awards and determinations of Australian and State industrial authorities. (The effects of these awards and determinations are retained in the seasonally adjusted data.) Also, allowance was made for the varying incidence of fortnightly pay periods.
- (j) An abrupt change in level from December quarter 1972 due to the introduction of a series based on the 1968-69 Census of Retail Establishments.
- (k) An abrupt change in level from September quarter 1975 due to the introduction of a series based on the 1973-74 Census of Retail Establishments.







## APPENDIX D

## MEASURES OF VARIABILITY

Tables 4 and 5 show selected measures of variability for all Australian and State series published in seasonally adjusted form by the Bureau. Details are given of the original and seasonally adjusted series, and of component series as computed in the course of seasonal adjustment, i.e. the trend, seasonal and irregular components. A corresponding measure of the variability of trading-day adjustment factors, where applicable, is also shown as well as a measure of the months for cyclical dominance (M.C.D.).

The measures of variability relating to the original, seasonally adjusted and trend series exclude the effects of abrupt changes in level for which adjustments have been made, while those for the seasonal factors do not include any prior adjustments such as those for Easter, Australia Day and abrupt changes in the seasonal pattern. Exclusion of the latter means the measure for the seasonal factors reflects only the seasonal behaviour after the last abrupt change in seasonal pattern.

TABLE 4. AUSTRALIAN SERIES

Series description	Page No.	Average percentage change without regard to sign :							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjustment		
<b>PRODUCTION –</b>									
Black coal (a)(b)	26	17.45	4.40	1.01	4.22	2.35	15.68	0.26	5
Electricity (a)	27	5.21	1.38	0.62	1.22	4.50	3.94	0.09	3
Gas (c)	28	8.80	2.69	1.11	2.30	6.38	3.94	0.39	3
Raw steel	29	6.89	4.92	1.08	4.69	2.21	3.87	0.27	5
Pig iron	**	6.92	5.15	1.34	4.71	1.74	3.82	0.28	5
Blooms and slabs (a)	**	7.03	5.17	0.99	5.05	2.89	3.85	0.29	6
Tinplate	**	8.11	6.65	2.21	5.99	1.95	3.95	0.38	3
Cement (a)(c)	30	9.53	4.02	0.50	3.93	8.82	3.90	0.24	6
Clay bricks (a)(c)	31	11.17	2.53	0.95	2.24	13.31	5.79	0.18	3
Sulphuric acid (a)(c)	**	10.37	7.54	2.05	7.10	10.78	4.01	0.53	5
Motor vehicles (a)(c)	32	22.99	6.61	1.76	5.94	28.10	6.78	0.32	4
Cars and station wagons (a)(c)	**	24.89	7.70	1.86	7.20	29.57	6.66	0.36	5
Utilities and panel vans (a)(c)	**	27.30	12.21	3.36	11.52	29.27	..	0.76	5
Trucks and truck type vehicles (a)(c)	**	21.20	8.64	2.34	8.04	27.26	4.94	0.41	4
Electric motors under 720W (a)(c)	33	19.03	4.96	1.70	4.53	21.43	7.28	0.32	3
Electric motors 720W and over (a)(c)	**	22.17	11.55	1.84	11.09	29.05	..	0.75	6
Internal combustion engines (a)(d)	**	30.93	16.50	4.00	15.52	25.28	..	2.80	6
Lawn mowers (d)	**	42.51	18.42	4.01	17.40	35.16	..	3.35	6
Domestic refrigerators (a)(c)	34	17.92	7.38	2.34	6.85	17.05	7.53	0.74	4
Clothes washing machines (a)(c)	**	19.60	6.21	2.06	5.69	20.50	6.20	0.46	4
Television sets (a)(c)	35	24.60	6.66	2.43	5.86	23.34	7.33	1.07	3
Floor coverings (a)(c)	36	21.54	6.88	1.86	6.42	20.74	5.46	0.36	4
Particle board (c)	**	19.37	6.14	1.88	5.69	17.97	7.38	0.56	4
Cotton woven cloth (a)(c)	37	20.60	6.56	1.42	6.15	21.97	7.97	0.36	5
Woollen and worsted woven cloth (a)(c)	**	18.79	5.46	1.73	4.94	22.06	8.94	0.36	3
Synthetic fibre woven cloth (a)(c)	38	18.94	6.86	2.46	6.15	27.20	5.37	0.37	3
Cellulosic fibre woven cloth (a)(c)	**	18.89	5.49	1.52	5.15	35.80	4.88	0.27	4
Cotton yarn (a)(c)	**	21.07	7.35	1.63	7.09	20.85	5.98	0.35	5
Woollen yarn (a)(c)	**	18.23	4.64	1.36	4.24	22.02	8.29	0.20	4
Beer (a)	39	10.21	4.06	0.36	4.00	7.58	6.52	0.30	6
Tobacco and cigarettes (a)(c)	40	15.94	6.39	0.52	6.36	19.67	6.05	0.38	6

For footnotes see end of table.



## APPENDIX D – continued

TABLE 4. AUSTRALIAN SERIES – continued

Series description	Page No.	Average percentage change without regard to sign :							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seas- onally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjust- ment		
<b>PRODUCTION – continued</b>									
Chocolate-based confectionery (a)	**	21.39	5.82	1.28	5.49	20.38	7.08	0.50	6
Other confectionery (a)	**	15.49	4.48	0.50	4.40	15.27	5.08	0.32	6
Confectionery (a)(e)	41	16.97	4.23	0.51	4.14	15.94	5.96	0.21	6
Beef (a)	**	8.62	4.42	1.96	3.60	6.29	5.76	0.39	3
Veal (a)	**	15.67	6.03	2.34	5.39	12.36	6.38	0.47	3
Mutton (a)	**	9.59	5.85	2.50	4.90	7.31	5.22	0.54	3
Lamb (a)	**	9.76	4.18	1.69	3.61	6.59	5.65	0.40	4
Pigmeat (a)	**	7.66	2.99	0.79	2.87	4.57	6.03	0.28	4
Total meat (a)(e)	42	6.87	3.54	1.46	3.00	4.69	5.66	0.57	3
Whole milk	43	18.37	2.74	1.05	2.33	18.02	4.07	0.52	4
Brokers and dealers receivals of taxable wool	**	28.65	8.36	1.94	7.59	25.93	6.98	3.81	6
<b>OVERSEAS TRANSACTIONS –</b>									
<b>Recorded Trade –</b>									
Total exports (e)	44	8.29	6.04	1.23	5.81	3.65	3.85	0.57	5
Total imports (e)	45	9.70	6.15	1.63	5.67	5.25	4.06	1.20	4
Exports of wool (a)	**	19.75	10.17	2.82	9.45	14.00	7.52	1.58	4
<b>Exports and Imports of Merchandise at Current Prices –</b>									
Exports of merchandise (e)	**	5.98	5.18	3.62	3.16	3.40	..	0.30	1
Imports of merchandise	**	7.01	5.95	4.64	2.62	3.50	..	0.39	1
<b>Exports and Imports of Merchandise at Average 1974-75 Prices –</b>									
Exports of merchandise (e)	46	6.03	4.72	2.85	3.16	4.35	..	0.34	2
Imports of merchandise	47	5.64	4.77	3.62	2.30	3.00	..	0.29	1
<b>Balance of Payments, Current Account –</b>									
<b>Visible trade –</b>									
Exports f.o.b.	**	7.55	5.52	3.65	3.42	4.72	..	0.38	1
Imports f.o.b.	**	6.71	5.71	4.92	2.21	3.17	..	0.37	1
Balance of trade (e)(f)	48	114	78	61	44	87	..	9	1
<b>Invisible credits –</b>									
Gold production (g)	**	3	4	2	2	3	..	1	2
Transportation (c)(e)	**	4.76	4.05	3.33	1.74	1.71	..	0.13	1
Travel (c)	**	16.57	6.35	4.64	3.46	16.69	..	0.58	1
Government (c)(e)	**	23.30	12.89	4.86	11.51	17.30	..	6.17	2
Miscellaneous (c)(e)	**	15.64	15.84	8.64	12.10	3.67	..	0.81	2
Property income (c)(e)	**	15.17	12.28	6.85	9.98	2.54	..	0.57	2
Transfers (e)	**	9.19	8.12	4.80	5.13	2.76	..	0.59	2
Total invisible credits (c)(e)	49	5.00	4.07	3.08	2.54	2.91	..	0.66	1
<b>Invisible debits –</b>									
Freight on imports	**	6.70	6.05	4.71	3.84	2.56	..	0.42	1
Other transportation (c)(e)	**	9.41	5.27	3.61	3.24	9.99	..	0.96	1
Travel (c)	**	28.47	5.53	3.41	3.41	26.88	..	0.82	1
Government (c)(e)	**	17.90	9.11	4.14	7.79	15.08	..	0.79	2
Miscellaneous (c)(e)	**	11.86	10.29	5.04	7.55	6.54	..	1.16	2

For footnotes see end of table.



## APPENDIX D – continued

TABLE 4. AUSTRALIAN SERIES – continued

Series description	Page No.	Average percentage change without regard to sign :							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjustment		
<b>OVERSEAS TRANSACTIONS – contd</b>									
Balance of Payments, Current Account – continued									
Invisible debits – continued									
Property income –									
Undistributed investment income (h)	**	9.68	9.68	8.69	9.02	..	..	..	2
Other investment income (c)(d)(e)	**	22.61	15.00	5.56	12.29	17.47	..	1.33	2
Royalties and copyrights	**	17.06	13.35	7.43	9.27	8.00	..	1.56	2
Government transfers (d)(e)	**	19.63	16.54	6.77	13.02	7.77	..	1.84	2
Private transfers (c)(e)	**	10.18	7.79	4.53	5.34	4.35	..	0.70	2
Total invisible debits (c)(e)	50	6.98	4.68	2.98	2.84	5.11	..	0.52	1
Net invisibles (e)(f)	**	44	29	14	21	32	..	6	2
Balance on current account (e)(f)	51	107	85	66	44	69	..	11	1
<b>International Liquidity –</b>									
Official reserve assets (e)	52	3.25	3.06	2.18	1.83	1.17	..	0.16	1
<b>OVERSEAS ARRIVALS AND DEPARTURES – (c)</b>									
Short-term visitors arriving (d)(e)	**	16.37	4.58	0.99	4.40	15.73	4.12	0.44	5
Total arrivals (a)(c)(d)(e)	**	12.47	4.65	0.88	4.50	12.03	3.98	0.60	5
Short-term Australian residents departing (a)(c)(e)	**	29.51	5.72	1.38	5.63	27.95	4.38	1.29	4
Total departures (c)(d)(e)	**	16.92	4.90	0.95	4.70	14.97	4.02	0.47	5
<b>EMPLOYMENT AND LABOUR –</b>									
<b>Civilian Labour Force –</b>									
Males	53	0.62	0.42	0.37	0.15	0.53	..	0.02	1
Married women	**	1.73	1.51	1.41	0.59	0.90	..	0.08	1
All females	54	1.24	1.09	0.99	0.47	0.82	..	0.08	1
Persons	55	0.79	0.59	0.56	0.22	0.62	..	0.04	1
Participation rates –									
Males	56	0.60	0.24	0.18	0.14	0.52	..	0.02	1
Married women	**	1.44	1.12	0.97	0.56	0.83	..	0.08	1
All females	57	1.13	0.88	0.64	0.48	0.89	..	0.07	1
Persons	**	0.66	0.35	0.23	0.21	0.61	..	0.03	1
<b>Employed Persons –</b>									
Males	58	0.49	0.40	0.36	0.17	0.34	..	0.02	1
Married women	**	2.03	1.46	1.42	0.51	1.43	..	0.07	1
All females	59	1.24	1.04	0.95	0.43	0.72	..	0.07	1
Persons	60	0.69	0.58	0.54	0.19	0.38	..	0.03	1



## APPENDIX D – continued

TABLE 4. AUSTRALIAN SERIES – continued

Series description	Page No.	Average percentage change without regard to sign :							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjustment		
<b>EMPLOYMENT AND LABOUR – contd</b>									
<b>Civilian Employees –</b>									
Males (c)(e)(i)	61	0.25	0.20	0.18	0.08	0.18	..	0.02	1
Females (c)(e)(i)	62	0.52	0.36	0.34	0.10	0.37	..	0.04	1
Persons (c)(e)(i)	63	0.32	0.24	0.23	0.07	0.23	..	0.02	1
Private – Persons (c)(e)(i)	64	0.36	0.28	0.26	0.09	0.26	..	0.02	1
Government – Persons (c)(e)(i)	65	0.35	0.25	0.25	0.08	0.30	..	0.03	1
Construction – Persons (c)(i)	66	0.54	0.36	0.26	0.22	0.40	..	0.06	1
Manufacturing – Persons (i)	67	0.44	0.31	0.28	0.14	0.28	..	0.03	1
Wholesale and retail trade – Persons (c)(i)	68	0.62	0.27	0.24	0.13	0.55	..	0.04	1
Transport and storage – Persons (i)	69	0.32	0.21	0.16	0.14	0.22	..	0.03	1
Finance, insurance, real estate and business services – Persons (c)(i)	70	0.38	0.30	0.27	0.10	0.34	..	0.05	1
<b>Job Vacancies Registered –</b>									
Adults (e)	71	8.55	3.84	2.94	2.24	7.60	..	0.80	1
Juniors (c)(e)	72	18.95	6.86	4.17	4.93	18.63	..	1.41	2
Total (c)(e)	73	8.71	4.09	3.11	2.44	7.90	..	1.27	1
<b>Factory Overtime (a)(b)</b>	74	7.40	3.39	2.02	2.43	6.13	..	0.47	2
<b>WAGES AND SALARIES –</b>									
Average weekly earnings per employed male unit (b)(i)	75	6.19	3.01	2.99	0.69	4.44	1.15	0.08	1
Average weekly ordinary time earnings, full-time adult males (other than managerial, etc. staff) (b)(i)	**	6.44	3.31	3.25	0.76	4.60	1.18	0.09	1
<b>INTERNAL TRADE –</b>									
<b>Quarterly Retail Sales at Current Prices –</b>									
Food and drink (a)(i)	76	5.30	2.16	2.11	0.36	4.57	1.02	0.06	1
Groceries (a)(i)	**	6.52	2.42	2.35	0.49	4.59	1.03	0.09	1
Butchers' meat (a)(i)	**	3.67	2.15	2.04	0.65	1.80	1.07	0.10	1
Other food (a)(i)	**	4.67	2.09	1.98	0.63	4.05	1.06	0.07	1
Total food and groceries (a)(i)	**	4.99	2.14	2.09	0.37	3.37	1.03	0.07	1
Beer, wine and spirits (a)(i)	**	9.23	2.35	2.16	0.66	9.28	1.00	0.14	1

For footnotes see end of table.



## APPENDIX D — continued

TABLE 4. AUSTRALIAN SERIES — continued

Series description	Page No.	Average percentage change without regard to sign :							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjustment		
<b>INTERNAL TRADE — continued</b>									
<b>Quarterly Retail Sales at Current Prices — continued</b>									
Clothing, hardware, electrical, etc. (a)(c)(i)	78	17.76	2.32	2.26	0.50	15.86	1.02	0.10	1
Clothing and drapery (a)(i)	**	22.32	2.14	2.05	0.71	21.70	1.09	0.10	1
Footwear (a)(c)(i)	**	19.65	2.39	2.01	1.02	15.67	1.12	0.22	1
Hardware, china and glassware (a)(c)(i)	**	18.40	2.87	2.45	1.02	18.91	1.00	0.22	1
Electrical goods (a)(c)(i)	**	13.57	3.32	2.97	0.98	13.14	1.07	0.26	1
Furniture and floor coverings (a)(c)(i)	**	14.80	2.87	2.68	0.81	10.30	0.99	0.11	1
All other goods (excl. motor vehicles, parts, petrol, etc.) (a)(i)	80	12.93	2.42	2.35	0.49	11.23	1.05	0.07	1
Chemists' goods (a)(i)	**	10.57	2.44	2.40	0.56	8.13	1.07	0.11	1
Newspapers, books and stationery (a)(i)	**	10.83	2.58	2.35	1.07	10.21	1.05	0.19	1
Other goods (excl. motor vehicles, parts, petrol, etc.) (a)(i)	**	16.61	2.53	2.40	0.63	14.25	1.06	0.08	1
All items (excl. motor vehicles, parts, petrol, etc.) (a)(i)	82	10.37	2.23	2.16	0.34	9.31	1.02	0.08	1
<b>Quarterly Retail Sales at Constant Prices —</b>									
Food and drink (a)(i)	77	4.90	1.00	0.87	0.43	4.57	1.02	0.07	1
Clothing and hardware, electrical, and furniture (a)(c)(i)	79	17.10	1.61	1.43	0.53	15.57	1.02	0.10	1
All other goods (excl. motor vehicles, parts, petrol, etc.) (a)(i)	81	12.27	1.42	1.16	0.60	11.13	1.05	0.09	1
All items (excl. motor vehicles, parts, petrol, etc.) (a)(i)	83	9.60	1.11	1.04	0.33	9.09	1.02	0.09	1
<b>Monthly Retail Sales —</b>									
All items (excl. motor vehicles, parts, petrol, etc.) (a)(c)(i)(j)	84	8.64	0.99	0.78	0.59	6.92	4.23	0.09	1
<b>Registrations of New Motor Vehicles —</b>									
Cars and station wagons (a)	85	10.66	5.64	1.58	5.30	5.88	6.28	0.38	5
Other vehicles (a)	86	11.40	5.53	1.46	5.12	7.95	6.16	0.31	5
Total (a)(e)	87	10.56	5.19	1.34	4.88	6.14	6.24	0.22	5
<b>New Wheeled Tractors Sold for Agricultural Purposes (a)(c)</b>	**	17.24	8.64	5.40	5.24	14.73	..	0.78	1
<b>ROAD TRAFFIC ACCIDENTS INVOLVING CASUALTIES —</b>									
Persons killed — monthly (a)	**	11.48	7.60	0.64	7.49	6.53	5.06	0.47	6
Persons killed — quarterly	**	8.04	4.63	1.99	3.57	6.71	..	0.34	2
Persons injured	**	6.69	2.99	1.55	2.22	4.52	..	0.19	2
Number of accidents	**	6.64	2.75	1.42	2.13	4.47	..	0.18	2

For footnotes see end of table.



## APPENDIX D – continued

TABLE 4. AUSTRALIAN SERIES – continued

Series description	Page No.	Average percentage change without regard to sign :							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seas- onally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjust- ment		
<b>BUILDING, ETC. –</b>									
<b>Building Approved –</b>									
Number of –									
Total new dwellings approved (a)(c)	**	11.58	5.77	1.61	5.47	9.33	6.25	0.29	4
New private dwellings approved (a)(c)	88	10.62	4.61	1.79	4.05	8.36	6.51	0.23	3
Value of –									
Total new dwellings approved (a)(c)	**	11.41	5.78	1.78	5.43	8.97	6.25	0.31	3
Other building approved (a)	**	22.15	18.09	1.46	17.89	10.75	5.99	0.99	6
Private other building approved	**	22.71	18.03	1.85	17.65	11.34	8.44	1.02	6
Total building approved (a)(c)(e)	89	12.21	8.05	1.60	7.79	8.77	6.23	0.46	6
<b>Building Commenced –</b>									
Number of –									
Total new dwellings commenced	**	6.14	4.38	3.36	2.59	4.16	..	0.29	1
New private dwellings commenced	90	6.55	4.34	3.69	2.29	4.05	..	0.23	1
New houses commenced	**	5.95	4.06	2.83	2.36	4.10	..	0.25	1
Other new dwellings commenced	**	13.84	12.01	8.33	8.03	5.53	..	1.00	1
Value of –									
Total new dwellings commenced	91	7.20	5.08	3.98	2.57	4.86	..	0.28	1
Other building commenced	92	12.77	8.86	4.87	6.14	8.40	..	0.99	2
Total building commenced	93	8.71	5.78	3.62	3.58	5.57	..	0.46	1
<b>Building Completed –</b>									
Number of –									
Total new dwellings completed	**	10.07	2.97	2.23	1.55	9.18	..	0.19	1
New private dwellings completed	94	8.59	3.17	2.67	1.63	7.56	..	0.21	1
New houses completed	**	9.65	2.41	1.93	1.41	8.94	..	0.16	1
Other new dwellings completed	**	16.44	9.27	6.21	5.55	12.92	..	0.71	1
Value of –									
Total new dwellings completed	**	11.04	3.29	2.90	1.40	9.63	..	0.23	1
Other building completed	**	10.89	7.81	3.88	5.35	6.23	..	0.54	2
Private other building completed	**	13.99	9.64	4.52	6.83	9.56	..	0.47	2
Total building completed	**	9.82	4.40	2.97	2.58	7.65	..	0.30	1
<b>Value of Work Done on –</b>									
Total new dwellings	95	5.72	3.53	3.28	1.08	4.74	..	0.15	1
New houses	**	5.83	3.33	3.05	1.22	5.04	..	0.13	1
Other new dwellings	**	8.19	6.41	5.47	2.75	4.18	..	0.28	1
Other building	96	6.74	3.74	3.00	2.03	5.89	..	0.26	1
Private other building	**	7.80	4.57	3.42	2.67	6.58	..	0.29	1
Total building	97	5.74	3.01	2.79	1.08	5.15	..	0.17	1
<b>Actual New Capital Expenditure by Private Enterprises –</b>									
New buildings and structures –									
Mining (i)	**	26.69	19.99	12.15	13.93	18.33	..	0.92	2
Manufacturing (i)	**	20.21	7.45	5.23	4.22	18.36	..	0.52	1
Finance, insurance, real estate and business services (i)	**	18.04	9.81	5.48	6.73	12.99	..	0.42	2
Other industries (i)	**	21.59	7.65	4.36	5.54	19.11	..	0.73	2
All industries (i)	98	16.92	5.43	3.84	3.45	15.01	..	0.43	1

For footnotes see end of table.



## APPENDIX D — continued

TABLE 4. AUSTRALIAN SERIES — continued

Series description	Page No.	Average percentage change without regard to sign :							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjustment		
<b>BUILDING, ETC. — continued</b>									
<b>Actual New Capital Expenditure by Private Enterprises — continued</b>									
Other new capital equipment —									
Mining (i)	**	24.47	17.58	10.98	10.56	17.07	..	1.14	1
Manufacturing (i)	**	16.44	5.16	3.77	2.86	15.93	..	0.37	1
Finance, insurance, real estate and business services (i)	**	26.86	13.98	9.33	7.89	15.26	..	0.72	1
Other industries (i)	**	17.18	9.00	5.35	6.62	12.71	..	0.58	2
All industries (i)	99	15.11	5.66	4.19	3.40	14.03	..	0.27	1
Total new capital expenditure —									
Mining (i)	100	21.58	12.79	9.90	6.77	18.16	..	0.82	1
Manufacturing (i)	101	17.12	4.74	3.62	2.64	16.74	..	0.30	1
Finance, insurance, real estate and business services (i)	102	16.86	8.49	6.12	4.79	12.08	..	0.36	1
Other industries (i)	103	16.98	7.30	4.08	5.11	13.92	..	0.34	2
All industries (i)	104	15.19	4.39	3.62	2.23	14.58	..	0.29	1
<b>Actual New Capital Expenditure by Private Enterprises (ASIC divisions) —</b>									
Food, beverages and tobacco (i)	**	16.93	7.81	4.75	5.19	16.13	..	0.75	2
Paper and printing (i)	**	22.40	13.75	6.54	10.67	19.26	..	0.83	2
Chemicals (i)	**	19.84	11.03	6.61	7.58	16.59	..	0.70	2
Basic metal products (i)	**	20.26	10.17	7.49	5.88	19.10	..	0.64	1
Fabricated metal products	**	20.09	8.88	5.16	5.81	19.66	..	0.79	2
Other manufacturing (i)	**	13.69	8.37	4.08	5.97	11.44	..	0.42	2
Wholesale	**	20.23	9.68	4.08	8.09	18.24	..	0.84	2
Retail (i)	**	22.23	11.80	6.64	8.12	18.72	..	0.85	2
Other non-manufacturing (i)	**	22.71	10.89	7.07	6.57	20.35	..	1.19	1
<b>Expected New Capital Expenditure by Private Enterprises —</b>									
New buildings and structures —									
Mining (h)	**	29.44	29.44	11.99	4.14	..	..	..	1
Manufacturing (h)	**	11.47	11.47	4.71	7.80	..	..	..	1
Finance, insurance, real estate and business services	**	8.78	7.15	3.13	0.98	5.06	..	0.07	1
Other industries	**	19.13	13.64	4.76	2.36	11.04	..	0.66	1
All industries (e)	**	5.51	3.77	1.69	0.56	4.67	..	0.25	1
Other new capital equipment —									
Mining (h)	**	21.74	21.74	9.46	2.81	..	..	..	1
Manufacturing (h)	**	10.09	10.09	4.02	1.56	..	..	..	1
Finance, insurance, real estate and business services (h)	**	24.68	24.68	10.26	3.39	..	..	..	1
Other industries (h)	**	8.58	8.58	3.63	1.21	..	..	..	1
All industries (h)	**	9.90	9.90	4.42	0.75	..	..	..	1
Total new capital expenditure —									
Mining (h)	**	21.31	21.31	9.44	2.64	..	..	..	1

For footnotes see end of table.



## APPENDIX D — continued

TABLE 4. AUSTRALIAN SERIES — continued

Series description	Page No.	Average percentage change without regard to sign :							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjustment		
<b>BUILDING, ETC. — continued</b>									
Expected New Capital Expenditure by Private Enterprises — contd									
Total new capital expenditure — contd									
Manufacturing (h)	**	9.08	9.08	3.76	1.40	..	..	..	1
Finance, insurance, real estate and business services (e)	**	13.47	13.13	5.76	1.74	2.15	..	0.20	1
Other industries (e)	**	9.82	8.06	3.40	1.32	4.08	..	0.16	1
All industries (e)	105	7.99	7.68	3.52	0.63	1.26	..	0.08	1
<b>Mineral Exploration (Other than for Petroleum) —</b>									
Expenditure by principal enterprises	106	20.76	7.36	6.10	2.20	18.41	..	0.14	1
<b>STOCKS OWNED BY PRIVATE ENTERPRISES —</b>									
Stocks at Current Prices —									
Manufacturing —									
Food, beverages and tobacco (i)	**	4.11	2.87	2.40	1.20	2.82	..	0.18	1
Textiles, clothing and footwear (i)	**	3.54	2.88	2.38	1.25	1.98	..	0.14	1
Paper, paper products, printing and publishing (i)	**	4.22	4.17	3.35	1.84	1.51	..	0.26	1
Chemical, petroleum and coal products (i)	**	4.92	3.79	2.99	1.83	2.54	..	0.26	1
Basic metal products (h)	**	4.47	4.47	3.87	1.97	..	..	..	1
Transport equipment (i)	**	4.90	4.45	3.73	1.70	1.56	..	0.18	1
Fabricated metal products, other machinery and equipment (h)	**	3.25	3.25	2.77	0.99	..	..	..	1
Other manufacturing (i)	**	3.36	2.69	2.50	0.71	1.67	..	0.10	1
Total manufacturing (i)	**	2.62	2.49	2.42	0.46	0.87	..	0.08	1
Wholesale trade (i)	**	3.12	2.90	2.76	0.58	1.49	..	0.20	1
Retail trade (e)(i)	**	4.90	4.83	4.22	1.23	1.74	..	0.08	1
Total (i)	**	2.63	2.54	2.49	0.38	0.74	..	0.08	1
Stocks at Average 1974-75 Prices —									
Manufacturing (i)	**	1.90	1.68	1.43	0.57	1.05	..	0.07	1
Other industry (h)	**	3.49	3.49	1.41	1.46	..	..	..	2
Total (e)	**	1.91	1.80	1.19	1.03	0.53	..	0.04	1
<b>FINANCE —</b>									
Taxation Revenue —									
Commonwealth and State Government consolidated revenue funds (a)(c)(d)(e)(i)	107	20.24	3.48	1.36	3.17	19.31	2.71	6.78	3
<b>Volume of Money —</b>									
Definition M1 (a)(b)(e)(i)	108	1.51	0.89	0.68	0.58	1.21	0.75	0.08	1
Definition M2 (a)(b)(c)(e)(i)	**	1.43	0.92	0.80	0.44	1.31	0.49	0.07	1
Definition M3 (a)(b)(c)(e)(i)	109	1.04	0.84	0.80	0.25	0.72	0.27	0.04	1

For footnotes see end of table.



## APPENDIX D – continued

TABLE 4. AUSTRALIAN SERIES – continued

Series description	Page No.	Average percentage change without regard to sign :							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjust- ment		
<b>FINANCE – continued</b>									
<b>Savings Banks –</b>									
Depositors' balances (b)(i)	110	0.91	0.82	0.82	0.14	0.48	..	0.03	1
<b>Major Trading Banks –</b>									
Total deposits (b)(c)(e)(i)	111	1.59	0.99	0.85	0.48	1.55	0.57	0.08	1
Loans, advances, etc. (excl. temporary advances to wool buyers, etc.) (i)	**	1.61	1.11	0.97	0.46	1.21	..	0.12	1
Total loans, advances, etc. (i)	112	1.45	1.09	0.99	0.42	1.03	..	0.10	1
Liquid assets and Australian Government securities (i)	**	5.42	2.41	1.78	1.49	4.66	..	0.31	1
New and increased lending commitments (e)(i)	113	11.76	9.71	2.82	8.78	6.25	..	0.96	4
Overdraft limits outstanding (i)	**	0.87	0.85	0.84	0.19	0.26	..	0.05	1
<b>Housing Finance for Owner Occupation, Loans Approved to Individuals for Construction or Purchase of Dwellings –</b>									
Construction of dwellings and purchase of newly erected dwellings –									
Number of dwelling units for which loans have been approved by –									
Savings banks (a)	114	10.46	5.77	2.12	5.16	4.73	8.65	0.32	3
Trading banks (a)	115	16.36	7.32	2.49	6.59	6.79	15.72	0.41	4
Permanent building societies	116	14.59	9.78	5.14	7.13	9.95	5.07	0.94	2
Value of loans approved by –									
Savings banks (a)	**	10.66	6.10	2.60	5.17	4.62	8.65	0.37	3
Trading banks (a)	**	17.46	8.26	3.17	7.09	6.90	15.72	0.43	3
Permanent building societies	**	15.28	10.63	5.55	7.89	10.04	5.07	0.99	2
Purchase of established dwellings –									
Number of dwelling units for which loans have been approved by –									
Savings banks (a)	**	11.37	5.57	2.91	4.20	5.90	8.72	0.25	2
Trading banks (a)	**	17.01	6.36	3.93	4.51	8.94	15.72	0.70	2
Permanent building societies	**	14.34	9.72	6.10	6.05	10.44	6.44	1.14	1
Value of loans approved by –									
Savings banks (a)	**	11.55	5.76	3.48	4.08	5.59	8.72	0.32	2
Trading banks (a)	**	18.33	7.03	4.60	5.04	9.54	15.72	0.79	2
Permanent building societies	**	15.96	10.68	7.01	6.71	10.51	6.44	1.27	1
<b>Total –</b>									
Number of dwelling units for which loans have been approved by –									
Savings banks (a)(e)	**	10.68	5.01	2.14	4.24	5.90	8.69	0.25	3
Trading banks (a)(e)	**	16.58	6.19	2.95	5.05	7.97	15.72	0.58	3
Permanent building societies (e)	**	13.94	9.22	5.51	6.00	10.15	5.72	0.98	2
Value of loans approved by –									
Savings banks (a)(e)	117	10.79	5.31	2.72	4.37	4.80	8.69	0.45	2
Trading banks (a)(e)	118	17.57	6.84	4.08	5.05	8.31	15.72	0.68	2
Permanent building societies (e)	119	15.16	9.97	6.16	6.60	10.16	5.68	1.06	2

For footnotes see end of table.



## APPENDIX D — continued

TABLE 4. AUSTRALIAN SERIES — continued

Series description	Page No.	Average percentage change without regard to sign :							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjustment		
<b>NATIONAL ACCOUNTS AT CURRENT PRICES —</b>									
<b>Household Income —</b>									
Wages, salaries and supplements	142	6.26	2.83	2.79	0.67	4.49	1.04	0.08	1
Income of farm unincorporated enterprises (f)	**	383	39	30	24	377	..	84	1
Income of other unincorporated enterprises and from dwellings and interest and dividends (e)	**	20.80	3.12	2.81	1.26	19.98	..	0.74	1
Third party insurance transfers (h)	**	6.94	6.94	4.40	4.95	..	..	..	2
Transfers from overseas (e)	**	9.19	7.20	4.16	4.45	2.93	..	0.63	2
Transfers from general government —									
Cash benefits (e)	**	6.58	3.85	3.45	1.77	5.63	..	2.64	1
Unfunded employee retirement benefits (h)	**	11.82	11.82	8.26	9.76	..	..	..	2
Total (e)	**	9.86	2.85	2.80	0.73	8.29	..	1.14	1
<b>Household Outlay —</b>									
Private final consumption (e)	128	6.62	2.58	2.54	0.33	5.15	0.52	0.08	1
Consumer debt interest (h)	**	3.88	3.88	3.73	1.30	..	..	..	1
Income tax paid (e)	**	53.56	5.36	3.98	2.97	56.17	..	3.38	1
Other direct taxes, fees, fines, etc. (e)	**	6.30	3.89	2.63	2.31	5.15	..	0.22	1
Transfers overseas	**	10.18	7.79	4.53	5.34	4.35	..	0.70	2
Savings (f)	144	742	89	59	58	729	..	37	1
Total (e)	**	9.86	2.85	2.80	0.73	8.29	..	1.14	1
<b>Household Disposable Income (e)</b>	143	15.40	2.83	2.73	0.87	14.41	..	0.23	1
<b>Household Saving Ratio (k)</b>	145	..	..	..	..	..	..	..	..
<b>Gross Domestic Product —</b>									
Gross farm product (e)	122	73.38	6.50	5.08	4.03	72.58	..	11.87	1
Gross non-farm product (b)(e)	124	7.59	2.89	2.84	0.56	5.98	0.64	0.14	1
Total (b)(e)	120	9.63	2.80	2.75	0.56	7.90	0.59	0.86	1
<b>Gross Domestic Product at Factor Cost (b)(e)(i)</b>	**	10.76	2.79	2.72	0.59	9.07	0.62	1.00	1
<b>Gross Operating Surplus —</b>									
Trading enterprises —									
Companies (e)	140	15.47	4.43	3.51	2.37	17.21	..	0.44	1
Dwellings owned by persons	**	11.52	3.91	3.69	1.33	11.07	..	0.27	1
Public enterprises	**	24.48	7.49	3.71	5.77	21.45	..	0.89	2
Other (e)	141	37.10	3.90	3.19	2.04	36.46	..	6.11	1
Financial enterprises less imputed bank service charge (c)(l)	**	12	10	6	6	14	..	1	1

For footnotes see end of table.



## APPENDIX D – continued

TABLE 4. AUSTRALIAN SERIES – continued

Series description	Page No.	Average percentage change without regard to sign :							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjustment		
<b>NATIONAL ACCOUNTS AT CURRENT PRICES – continued</b>									
Indirect Taxes less Subsidies (c)(e)	**	6.96	3.49	3.10	1.46	5.29	..	0.61	1
Exports of Goods and Services (c)(e)	**	6.85	4.90	3.49	2.84	4.35	..	0.49	1
Imports of Goods and Services (c)(e)	**	5.49	5.10	4.12	1.96	2.19	..	0.31	1
Gross National Expenditure (b)(c)(e)	126	9.42	3.02	2.97	0.76	7.52	0.59	0.92	1
<b>Final Consumption Expenditure –</b>									
Private –									
Food (a)	**	4.96	2.15	2.10	0.36	3.28	1.03	0.07	1
Cigarettes, tobacco and alcoholic drinks (a)(c)(e)	**	7.88	2.40	2.26	0.74	7.59	0.69	0.09	1
Clothing, footwear and drapery (a)(c)(e)	**	21.72	2.14	2.08	0.73	20.62	1.09	0.10	1
Household durables (a)(c)(e)	**	15.14	2.80	2.69	0.75	12.34	0.98	0.26	1
Purchase of motor vehicles	**	8.68	6.06	3.89	3.58	5.78	..	0.54	1
Rent (h)	**	3.42	3.42	3.39	0.40	..	..	..	1
Other goods and services (a)(c)(e)	**	4.67	2.80	2.75	0.44	2.98	0.22	0.11	1
Total (e)	128	6.62	2.58	2.54	0.33	5.15	0.52	0.08	1
Government	130	11.13	3.86	3.39	1.71	10.87	..	0.25	1
<b>Gross Fixed Capital Expenditure –</b>									
Private –									
Dwellings	**	4.91	3.82	3.55	1.20	3.46	..	0.12	1
Other building and construction	**	14.27	4.80	3.60	3.29	12.54	..	0.44	1
All other	**	12.97	4.82	3.24	3.00	12.51	..	0.26	1
Total (e)	134	9.50	3.51	2.94	1.94	9.10	..	0.29	1
Public –									
Public enterprises (c)(e)	**	15.27	5.22	3.33	4.07	14.12	..	0.81	1
General government	**	26.92	4.83	3.13	3.11	25.76	..	0.46	1
Total (c)(e)	136	20.56	4.10	2.68	2.92	19.27	..	0.80	2
Total (c)(e)	132	13.41	3.14	2.70	1.70	12.63	..	0.51	1
<b>Increase in Stocks –</b>									
Farm and miscellaneous (c)(e)(f)	**	345	57	34	39	349	..	91	2
Private non-farm (e)(f)	138	135	92	55	67	89	..	18	2
Total (c)(e)(f)	**	337	118	68	88	327	..	96	2
<b>Statistical Discrepancy (e)(f)</b>	**	296	99	36	86	306	..	42	4

For footnotes see end of table.



## APPENDIX D — continued

TABLE 4. AUSTRALIAN SERIES — continued

Series description	Page No.	Average percentage change without regard to sign :							M. C. D. †
		From month to month * in the						From year to year in the seasonal factors	
		Original series	Seasonally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjustment		
<b>NATIONAL ACCOUNTS AT AVERAGE 1974-75 PRICES —</b>									
<b>Gross Domestic Product —</b>									
Gross farm product (e)	123	92.51	5.47	4.52	4.70	91.85	..	16.95	2
Gross non-farm product (b)(e)	125	7.02	1.42	1.11	0.76	5.82	0.62	0.09	1
Total (b)(e)	121	8.96	1.41	1.09	0.73	8.40	0.57	1.22	1
<b>Exports of Goods and Services (c)(e)</b>	**	5.99	4.23	2.44	2.87	3.64	..	0.26	2
<b>Imports of Goods and Services (c)(e)</b>	**	4.60	4.03	3.18	1.74	2.07	..	0.26	1
<b>Gross National Expenditure (b)(c)(e)</b>	127	8.52	1.62	1.22	1.02	7.96	0.57	1.25	1
<b>Final Consumption Expenditure —</b>									
Private —									
Food (a)	**	4.34	0.99	0.82	0.37	3.63	0.99	0.06	1
Cigarettes, tobacco and alcoholic drinks (a)(c)(e)	**	6.93	1.73	1.20	1.13	6.60	0.69	0.15	1
Clothing, footwear and drapery (a)(c)(e)	**	20.47	1.59	1.19	0.95	19.83	1.07	0.17	1
Household durables (a)(c)(e)	**	16.02	2.23	2.01	0.90	13.42	0.98	0.27	1
Purchase of motor vehicles	**	7.92	5.81	2.98	3.69	4.78	..	0.45	2
Rent (h)	**	1.61	1.61	1.58	0.30	..	..	..	1
Other goods and services (a)(c)(e)	**	3.68	1.22	1.09	0.44	2.94	0.21	0.11	1
Total (e)	129	5.56	1.10	1.04	0.28	5.07	0.44	0.08	1
Government	131	8.06	2.06	1.43	1.26	7.61	..	0.22	1
<b>Gross Fixed Capital Expenditure —</b>									
Private —									
Dwellings	**	4.95	3.32	2.92	1.16	3.87	..	0.10	1
Other building and construction	**	15.37	4.93	3.16	4.09	14.47	..	0.29	2
All other	**	13.91	3.88	2.09	2.55	13.02	..	0.21	2
Total (e)	135	10.11	2.71	1.87	1.71	9.55	..	0.23	1
Public (c)	137	19.78	2.87	1.62	2.39	5.28	..	0.34	2
Total (c)(e)	133	13.69	1.97	1.17	1.49	13.30	..	0.33	2
<b>Increase in Stocks —</b>									
Farm and miscellaneous (c)(e)(f)	**	642	120	63	90	210	..	15	2
Private non-farm (e)(f)	139	223	138	69	98	117	..	11	2
Total (c)(e)(f)	**	653	193	98	146	124	..	17	2
<b>Statistical Discrepancy (e)(f)</b>	**	436	131	60	115	437	..	50	2



APPENDIX D — *continued*TABLE 4. AUSTRALIAN SERIES — *continued*

- \* From quarter to quarter in quarterly series; from half-year to half-year in half-yearly series.
- † Q.C.D. for quarterly series; half-years for cyclical dominance for half-yearly series.
- \*\* Series not published in this bulletin.
- (a) In seasonally adjusting this series, allowance has been made by prior adjustment for Easter and/or Australia Day effects.
- (b) In seasonally adjusting this series, allowance has been made by prior adjustment for a special type of trading-day variation, other than a simple weekly pattern. (For further details, see Appendix C.)
- (c) In seasonally adjusting this series, allowance has been made by prior adjustment for an apparent abrupt change in seasonality. (For further details, see Appendix C.)
- (d) In the seasonal analysis of this series, allowance has been made by prior adjustment for the effects of exceptional irregular movements. (For further details, see Appendix C.)
- (e) Series adjusted aggregatively. Measures for trend and irregular components relate to estimates derived by direct analysis of the aggregatively adjusted series. Measures for seasonal and trading-day adjustment factors relate to equivalent direct adjustments implicit in the relationship between the original and the aggregatively adjusted series.
- (f) Measures for the trend and irregular components (and the Q.C.D.) relate to estimates derived by a direct additive analysis of the aggregatively adjusted series. The measures represent average quarter to quarter differences.
- (g) Series is directly adjusted up to June quarter 1969. However from September quarter 1968 until December quarter 1975 (after which it ceases to exist as a separate series) the series is aggregatively adjusted and the measures of variability are calculated as described in footnote (f).
- (h) Series contains insignificant stable seasonality. No adjustments have been made to the original data.
- (i) In the seasonal analysis of this series, allowance has been made by prior adjustment for the effects of trend discontinuities. (For further details, see Appendix C.)
- (j) Trading day weights reflect apparent changes in trading day pattern in recent years. (For further details, see Appendix C.)
- (k) Meaningful measures of variability for this series are not obtainable.
- (l) Series is adjusted by direct additive analysis. The measures represent average quarter to quarter differences.



## APPENDIX D — continued

TABLE 5. STATE SERIES

Series description	Average percentage change without regard to sign :							M. C. D. †
	From month to month * in the						From year to year in the seasonal factors	
	Original series	Seas- onally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjust- ment		
<b>EMPLOYMENT AND LABOUR —</b>								
<b>Job Vacancies Registered —</b>								
Adults —								
New South Wales (a)	8.87	5.12	3.57	3.34	7.16	..	0.77	1
Victoria (a)	12.04	4.60	3.13	3.11	11.08	..	1.58	1
Queensland (a)	9.13	7.00	3.15	6.07	5.21	..	0.57	3
South Australia (a)	10.88	8.01	3.93	6.26	7.26	..	0.90	2
Western Australia (a)	10.96	6.36	3.26	5.25	8.93	..	0.87	2
Tasmania (a)	12.70	9.09	3.11	8.40	9.10	..	1.08	4
Juniors —								
New South Wales (a)	22.68	9.85	4.87	8.01	22.16	..	2.18	3
Victoria (a)(b)	17.39	10.47	4.45	8.97	18.34	..	5.85	3
Queensland (a)	14.04	9.33	4.00	8.00	10.65	..	0.81	3
South Australia (a)(b)	28.59	12.54	4.62	11.40	29.03	..	3.76	3
Western Australia (a)(b)	14.51	9.25	3.86	8.05	12.59	..	1.71	3
Tasmania (a)	39.41	17.54	4.02	16.34	34.29	..	4.49	6
Total —								
New South Wales (a)	9.92	5.71	3.82	3.94	8.86	..	2.03	2
Victoria (a)	11.42	4.92	3.32	3.37	10.30	..	2.79	2
Queensland (a)	8.83	6.43	3.04	5.43	5.83	..	1.07	2
South Australia (a)	12.29	7.55	3.81	6.02	10.61	..	2.32	2
Western Australia (a)	10.84	5.80	3.19	4.70	9.19	..	1.09	2
Tasmania (a)	15.84	8.86	2.86	8.03	13.21	..	3.62	4
<b>WAGES AND SALARIES —</b>								
Average weekly earnings per employed male unit —								
New South Wales (c)(d)	6.22	3.01	2.97	0.80	4.70	1.17	0.11	1
Victoria (c)(d)	6.42	2.99	2.93	0.91	4.64	1.16	0.11	1
Queensland (c)(d)	6.71	3.14	3.12	0.76	4.86	1.15	0.09	1
South Australia (c)(d)	5.58	3.08	3.04	0.82	3.03	1.17	0.11	1
Western Australia (c)(d)	5.17	3.07	3.03	0.65	2.91	1.11	0.11	1
Tasmania (c)(d)	7.81	3.11	2.97	1.20	6.10	1.60	0.24	1
<b>INTERNAL TRADE —</b>								
<b>Quarterly Retail Sales —</b>								
Food and drink —								
New South Wales (d)(e)	5.79	2.03	1.93	0.50	4.48	1.00	0.09	1
Victoria (d)(e)	4.86	2.23	2.13	0.56	4.44	1.03	0.06	1
Queensland (d)(e)	5.39	2.30	2.23	0.57	3.82	1.09	0.09	1
South Australia (d)(e)	5.46	2.19	2.14	0.52	4.84	1.03	0.09	1
Western Australia (d)(e)	5.86	2.69	2.54	0.78	5.29	1.06	0.17	1
Tasmania (d)(e)	5.34	2.23	2.05	0.74	4.79	1.02	0.10	1

For footnotes see end of table.



## APPENDIX D — continued

TABLE 5. STATE SERIES — continued

Series description	Average percentage change without regard to sign :							M. C. D. †
	From month to month * in the						From year to year in the seasonal factors	
	Original series	Seas- onally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjust- ment		
<b>INTERNAL TRADE — continued</b>								
<b>Quarterly Retail Sales — continued</b>								
Clothing, hardware, electrical, etc. —								
New South Wales (d)(e)	19.07	2.28	2.13	0.81	18.08	1.05	0.13	1
Victoria (d)(e)	18.24	2.28	2.13	0.70	17.59	1.00	0.18	1
Queensland (d)(e)	14.97	2.63	2.54	0.81	13.08	1.08	0.13	1
South Australia (d)(e)	16.09	2.74	2.53	0.98	15.05	1.13	0.13	1
Western Australia (d)(e)	16.12	3.01	2.71	1.05	14.65	1.17	0.15	1
Tasmania (d)(e)	18.58	2.66	2.66	0.95	17.72	1.05	0.22	1
All other goods (excl. motor vehicles, parts, petrol, etc.) —								
New South Wales (d)(e)	13.34	2.34	2.23	0.76	11.47	0.99	0.12	1
Victoria (d)(e)	13.48	2.47	2.33	0.68	11.69	1.08	0.13	1
Queensland (d)(e)	11.06	2.59	2.52	0.64	8.90	1.04	0.09	1
South Australia (d)(e)	13.39	2.58	2.43	0.78	11.84	1.03	0.16	1
Western Australia (d)(e)	13.22	2.64	2.55	0.66	11.50	1.07	0.15	1
Tasmania (d)(e)	13.08	2.60	2.37	0.92	11.75	1.05	0.17	1
All items (excl. motor vehicles, parts, petrol, etc.) —								
New South Wales (d)(e)	11.08	2.05	2.00	0.53	9.92	1.02	0.09	1
Victoria (d)(e)	10.31	2.18	2.12	0.44	9.27	1.08	0.10	1
Queensland (d)(e)	9.36	2.35	2.31	0.34	7.34	1.07	0.09	1
South Australia (d)(e)	9.80	2.26	2.20	0.56	8.53	1.04	0.10	1
Western Australia (d)(e)	9.80	2.64	2.56	0.58	8.30	1.07	0.14	1
Tasmania (d)(e)	10.65	2.19	2.12	0.52	9.94	1.01	0.10	1
<b>BUILDING, ETC. —</b>								
<b>Building Approvals —</b>								
Number of new dwellings approved —								
New South Wales (e)	12.12	8.97	1.96	8.68	7.70	6.29	0.47	5
Victoria (e)	17.48	8.38	2.16	7.97	13.93	7.15	0.45	4
Queensland (e)	14.19	8.20	2.03	7.82	10.38	5.17	0.43	5
South Australia (e)	19.48	15.96	2.86	15.62	11.30	5.85	0.86	5
Western Australia (e)	17.47	13.91	2.63	13.59	10.45	6.82	0.70	5
Tasmania (e)	19.47	14.38	1.45	14.20	11.98	6.36	0.91	6

For footnotes see end of table.



## APPENDIX D — continued

TABLE 5. STATE SERIES — continued

Series description	Average percentage change without regard to sign :							M. C. D. †
	From month to month * in the						From year to year in the seasonal factors	
	Original series	Season- ally adjusted series	Trend series	Irregular series	Seasonal factors	Trading day adjust- ment		
<b>BUILDING, ETC. — continued</b>								
<b>Building Commenced —</b>								
Number of new dwellings commenced —								
New South Wales	6.80	5.94	3.66	4.00	4.16	..	0.40	2
Victoria	8.17	6.32	4.15	4.74	4.81	..	0.49	2
Queensland	10.03	7.24	4.18	4.76	6.29	..	0.49	2
South Australia	10.08	7.95	4.56	5.62	5.97	..	0.63	2
Western Australia	12.11	9.31	6.10	6.50	7.65	..	0.61	2
Tasmania	12.93	11.05	5.53	7.76	6.22	..	0.86	2
<b>Building Completed —</b>								
Number of new dwellings completed —								
New South Wales	9.38	4.06	2.68	2.55	8.48	..	0.38	1
Victoria	13.00	4.11	2.78	2.47	12.26	..	0.41	1
Queensland	9.78	5.43	2.99	3.66	8.05	..	0.49	2
South Australia	12.05	6.08	3.24	4.80	9.87	..	0.45	2
Western Australia	11.37	7.28	5.23	4.00	8.62	..	0.65	1
Tasmania	15.87	8.15	4.39	6.22	14.50	..	0.71	2
<b>Building Under Construction —</b>								
Number of new dwellings under construction —								
New South Wales	4.18	3.56	3.31	0.90	2.55	..	0.18	1
Victoria	4.86	3.51	3.34	0.97	3.16	..	0.12	1
Queensland	7.69	4.97	3.92	2.18	5.45	..	0.30	1
South Australia	5.34	4.35	3.99	2.01	3.57	..	0.20	1
Western Australia	7.96	7.10	6.71	2.19	3.58	..	0.18	1
Tasmania	5.66	4.25	2.94	2.24	4.18	..	0.27	1

\* From quarter to quarter in quarterly series; from half-year to half-year in half-yearly series.

† Q.C.D. for quarterly series; half-years for cyclical dominance for half-yearly series.

- (a) Series adjusted aggregatively. Measures for trend and irregular components relate to estimates derived by direct analysis of the aggregatively adjusted series. Measures for seasonal and trading-day adjustment factors relate to equivalent direct adjustments implicit in the relationship between the original and the aggregatively adjusted series.
- (b) In seasonally adjusting this series, allowance has been made by prior adjustment for an apparent abrupt change in seasonality. (For further details, see Appendix C.)
- (c) In seasonally adjusting this series, allowance has been made by prior adjustment for a special type of trading-day variation, other than a simple weekly pattern. (For further details, see Appendix C.)
- (d) In the seasonal analysis of this series, allowance has been made by prior adjustment for the effects of trend discontinuities. (For further details, see Appendix C.)
- (e) In seasonally adjusting this series, allowance has been made by prior adjustment for Easter and/or Australia Day effects.







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